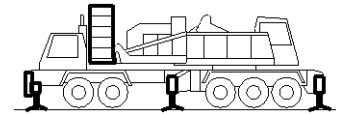


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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 8,000 Lb. front bumper counterweight adapter.

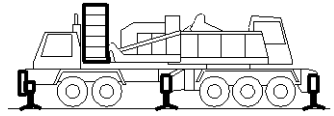
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
30 Ft.	3,900 Lbs.
40 Ft.	4,700 Lbs.
50 Ft.	5,600 Lbs.
60 Ft.	6,600 Lbs.
70 Ft.	7,600 Lbs.
80 Ft.	8,700 Lbs.

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 8,000 Lb. Front Bumper Counterweight Adapter
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

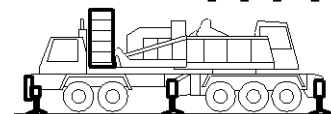
 Meets
ANSI B30.5
Requirements


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 + 8,000 Lb. Front Bumper Cwt.			
240 Ft.	—	220 Ft.	—
230 Ft.	—	210 Ft.	—
220 Ft.	50 Ft.	200 Ft.	30 Ft.
210 Ft.	70 Ft.	190 Ft.	60 Ft.
200 Ft.	80 Ft.	180 Ft.	80 Ft.
78,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
230 Ft.	—	200 Ft.	—
220 Ft.	—	190 Ft.	30 Ft.
210 Ft.	30 Ft.	180 Ft.	50 Ft.
200 Ft.	60 Ft.	170 Ft.	80 Ft.
190 Ft.	80 Ft.		
61,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
210 Ft.	—	180 Ft.	—
200 Ft.	—	170 Ft.	40 Ft.
190 Ft.	40 Ft.	160 Ft.	60 Ft.
180 Ft.	70 Ft.	150 Ft.	80 Ft.
170 Ft.	80 Ft.		
44,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
190 Ft.	—	170 Ft.	—
180 Ft.	30 Ft.	160 Ft.	—
170 Ft.	50 Ft.	150 Ft.	40 Ft.
160 Ft.	70 Ft.	140 Ft.	60 Ft.
150 Ft.	80 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	
95,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
Not Allowed			
78,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
140 Ft. 130 Ft. 120 Ft. 110 Ft.	— 30 Ft. 60 Ft. 80 Ft.	Not Allowed	
61,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
130 Ft. 120 Ft. 110 Ft. 100 Ft.	— — 40 Ft. 70 Ft.		Not Allowed
44,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
110 Ft.	—	Not Allowed	
Load block, hook and weight ball on ground at start.			

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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 + 8,000 Lb. Front Bumper Cwt.			
170 Ft.	—	140 Ft.	—
160 Ft.	30 Ft.	130 Ft.	40 Ft.
150 Ft.	50 Ft.	120 Ft.	70 Ft.
140 Ft.	80 Ft.	110 Ft.	80 Ft.
10,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
150 Ft.	—	120 Ft.	—
140 Ft.	30 Ft.	110 Ft.	30 Ft.
130 Ft.	60 Ft.	100 Ft.	60 Ft.
120 Ft.	80 Ft.		
0 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
140 Ft.	—	110 Ft.	—
130 Ft.	30 Ft.		
120 Ft.	50 Ft.		
110 Ft.	70 Ft.		
100 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 + 8,000 Lb. Front Bumper Cwt.		
90 Ft.	—	Not Allowed
10,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.		
70 Ft.	—	42.5 Ft.
0 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.		
60 Ft.	—	Not Allowed
Load block, hook and weight ball on ground at start.		

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

Refer to chart **No. 8063-A, -B or -C** (0, 8,000 or 25,000 Lb. front bumper counterweight [FBC]) for fully extended outrigger boom capacities, chart **No. 8094-A, -C or -E** (0, 8,000 or 25,000 Lb. FBC) for straight over rear on rubber boom capacities, chart **No. 8094-B, -D or -F** (0, 8,000 or 25,000 Lb. FBC) for over side sector on rubber boom capacities, chart **No. 8095-A** for partially extended outrigger boom capacities and chart **No. 8096-A** for fully retracted outrigger boom capacities.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

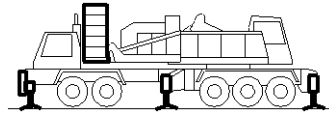
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



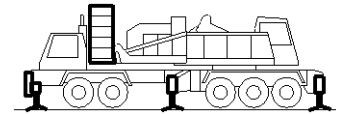
42.5 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	145,100	148,800*	28
30	54.2	41.8	165,400*	165,400*	156,100*	156,100*	146,800*	146,800*	128,000	137,500*	30
32	50.6	40.0	153,700*	153,700*	145,000*	145,000*	134,900	136,300*	114,100	127,600*	32
34	46.8	38.1	143,400*	143,400*	135,200*	135,200*	121,700	127,100*	102,700	118,900*	34
36	42.7	35.8	134,300*	134,300*	126,600*	126,600*	110,500	118,900*	93,100	111,200*	36
38	38.2	33.2	126,100*	126,100*	117,100	118,800*	101,000	111,600*	84,800	104,300*	38
40	33.1	30.0	118,800*	118,800*	107,700	111,900*	92,700	105,000*	77,700	98,100*	40
45	12.7	16.0	98,100*	98,100*	88,700	96,900*	75,900	90,800*	63,100	82,000	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	185,900	191,700*	19
20	70.2	47.8	203,700*	203,700*	189,500*	189,500*	162,800	180,800*	20
22	67.2	46.9	182,800*	182,800*	154,200	169,900*	129,700	162,100*	22
24	64.1	45.8	161,600	165,600*	127,600	153,800*	107,000	146,700*	24
26	61.0	44.6	137,600	151,100*	108,300	140,300*	90,400	133,700*	26
28	57.7	43.3	119,300	138,800*	93,500	128,800*	77,800	115,900	28
30	54.2	41.8	104,900	128,100*	81,900	116,000	67,900	101,700	30
32	50.6	40.0	93,300	118,900*	72,500	103,200	59,800	90,300	32
34	46.8	38.1	83,700	110,700*	64,700	92,600	53,200	80,900	34
36	42.7	35.8	75,600	101,400	58,200	83,800	47,600	73,000	36
38	38.2	33.2	68,700	92,500	52,600	76,200	42,700	66,200	38
40	33.1	30.0	62,700	84,800	47,700	69,600	38,600	60,400	40
45	12.7	16.0	50,400	69,100	37,600	56,200	29,800	48,300	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

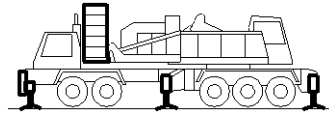
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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	
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*	147,100	148,600*	28
30	66.1	63.0	165,200*	165,200*	155,900*	155,900*	146,600*	146,600*	129,800	137,300*	30
32	64.0	61.9	153,600*	153,600*	144,900*	144,900*	136,200*	136,200*	115,900	127,500*	32
34	61.8	60.8	143,400*	143,400*	135,200*	135,200*	123,300	127,000*	104,300	118,800*	34
36	59.5	59.6	134,300*	134,300*	126,600*	126,600*	112,100	118,900*	94,700	111,200*	36
38	57.2	58.2	126,200*	126,200*	118,700	119,000*	102,600	111,700*	86,500	104,400*	38
40	54.9	56.8	119,000*	119,000*	109,400	112,100*	94,400	105,200*	79,400	98,300*	40
45	48.6	52.5	103,700	103,700*	90,900	97,600*	78,100	91,500*	65,300	84,200	45
50	41.6	47.1	88,200	91,600*	77,100	86,100*	66,000	80,600*	54,800	71,200	50
55	33.3	40.0	76,200	81,600*	66,400	76,600*	56,500	71,100	46,700	61,200	55
60	22.1	29.4	66,500	73,200*	57,700	68,600*	48,800	61,900	40,000	53,000	60

Liftcrane Boom Capacities

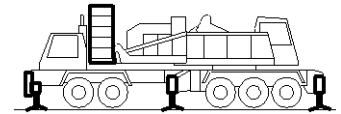
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	190,100	191,300*	19
20	76.4	66.8	203,300*	203,300*	189,100*	189,100*	166,500	180,400*	20
22	74.4	66.2	182,500*	182,500*	157,200	169,600*	132,700	161,700*	22
24	72.3	65.5	164,100	165,300*	130,200	153,500*	109,500	146,300*	24
26	70.3	64.8	139,800	150,800*	110,500	140,000*	92,600	133,400*	26
28	68.2	63.9	121,300	138,500*	95,500	128,500*	79,800	117,900	28
30	66.1	63.0	106,800	128,000*	83,700	117,900	69,700	103,600	30
32	64.0	61.9	95,000	118,800*	74,200	105,000	61,600	92,100	32
34	61.8	60.8	85,400	110,700*	66,400	94,300	54,800	82,600	34
36	59.5	59.6	77,300	103,100	59,800	85,400	49,200	74,700	36
38	57.2	58.2	70,300	94,200	54,200	77,900	44,400	67,900	38
40	54.9	56.8	64,400	86,500	49,400	71,400	40,200	62,100	40
45	48.6	52.5	52,600	71,300	39,800	58,400	32,000	50,600	45
50	41.6	47.1	43,700	60,000	32,600	48,800	25,800	41,900	50
55	33.3	40.0	36,800	51,200	27,000	41,300	21,000	35,200	55
60	22.1	29.4	31,200	44,100	22,300	35,100	16,900	29,700	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

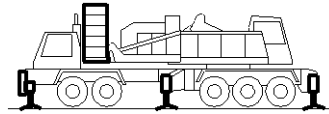
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	149,100	149,600*	28
30	69.7	73.9	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	131,700	138,300*	30
32	68.0	73.1	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	117,700	128,500*	32
34	66.2	72.1	144,400*	144,400*	136,200*	136,200*	125,100	128,100*	106,100	119,900*	34
36	64.3	71.1	135,400*	135,400*	127,700*	127,700*	113,900	120,000*	96,400	112,300*	36
38	62.5	70.0	127,300*	127,300*	120,000*	120,000*	104,300	112,700*	88,200	105,500*	38
40	60.6	68.9	120,100*	120,100*	111,100	113,200*	96,100	106,300*	81,100	99,400*	40
45	55.6	65.5	104,900*	104,900*	92,600	98,800*	79,800	92,700*	67,000	85,900	45
50	50.4	61.5	89,900	92,800*	78,800	87,300*	67,700	81,800*	56,500	73,000	50
55	44.6	56.6	78,000	82,900*	68,100	77,900*	58,300	72,900	48,400	62,900	55
60	38.2	50.5	68,400	74,600*	59,600	70,100*	50,800	63,800	41,900	54,900	60
65	30.6	42.6	60,600	67,600*	52,600	63,400*	44,600	56,400	36,600	48,300	65
70	20.3	31.1	54,000	61,600*	46,700	57,500	39,300	50,100	32,000	42,700	70

Liftcrane Boom Capacities

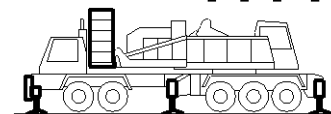
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	169,200	181,400*	20
22	76.7	76.6	183,500*	183,500*	159,600	170,600*	135,100	162,700*	22
24	75.0	76.1	166,300*	166,300*	132,400	154,500*	111,700	147,300*	24
26	73.2	75.4	141,900	151,800*	112,600	141,000*	94,700	134,400*	26
28	71.5	74.7	123,300	139,600*	97,500	129,600*	81,800	119,900	28
30	69.7	73.9	108,700	129,000*	85,600	119,700*	71,600	105,600	30
32	68.0	73.1	96,900	119,800*	76,100	106,800	63,400	94,000	32
34	66.2	72.1	87,200	111,700*	68,200	96,100	56,600	84,400	34
36	64.3	71.1	79,000	104,600*	61,600	87,200	50,900	76,400	36
38	62.5	70.0	72,100	95,900	55,900	79,600	46,100	69,700	38
40	60.6	68.9	66,100	88,200	51,100	73,100	42,000	63,800	40
45	55.6	65.5	54,200	73,000	41,500	60,100	33,700	52,300	45
50	50.4	61.5	45,400	61,700	34,300	50,500	27,500	43,600	50
55	44.6	56.6	38,600	53,000	28,700	43,000	22,700	37,000	55
60	38.2	50.5	33,100	46,000	24,300	37,100	18,900	31,600	60
65	30.6	42.6	28,600	40,200	20,500	32,200	15,700	27,200	65
70	20.3	31.1	24,700	35,300	17,300	27,900	12,900	23,400	70

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

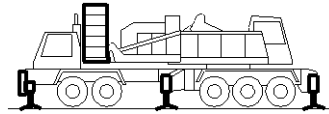
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



80 Ft. Boom

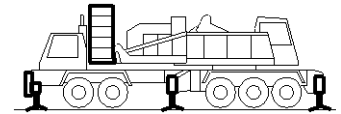


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	132,400*	138,300*	30
32	70.9	83.9	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	118,300	128,500*	32
34	69.3	83.1	144,400*	144,400*	136,200*	136,200*	125,700	128,000*	106,700	119,900*	34
36	67.8	82.2	135,400*	135,400*	127,700*	127,700*	114,400	120,000*	97,000	112,300*	36
38	66.2	81.3	127,300*	127,300*	120,000*	120,000*	104,800	112,700*	88,700	105,500*	38
40	64.6	80.3	120,100*	120,100*	111,600	113,200*	96,600	106,300*	81,600	99,400*	40
45	60.5	77.5	104,900*	104,900*	93,000	98,800*	80,200	92,700*	67,400	86,400	45
50	56.2	74.2	90,300	92,800*	79,200	87,300*	68,100	81,800*	56,900	73,400	50
55	51.7	70.3	78,400	83,000*	68,500	78,000*	58,700	73,000*	48,800	63,300	55
60	46.8	65.8	68,900	74,800*	60,000	70,200*	51,200	64,200	42,300	55,300	60
65	41.5	60.3	61,100	67,800*	53,100	63,600*	45,100	56,900	37,000	48,800	65
70	35.5	53.6	54,600	61,900*	47,300	58,000*	39,900	50,700	32,600	43,300	70
75	28.4	45.0	49,100	56,700*	42,300	52,300	35,600	45,500	28,800	38,700	75
80	18.8	32.6	44,300	52,000*	38,000	47,200	31,700	40,900	25,500	34,600	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	170,700	181,400*	20
22	78.4	87.0	183,500*	183,500*	160,900	170,600*	136,300	162,700*	22
24	76.9	86.4	166,200*	166,200*	133,400	154,500*	112,700	147,300*	24
26	75.4	85.9	142,800	151,800*	113,400	141,000*	95,600	134,400*	26
28	73.9	85.3	124,100	139,500*	98,200	129,500*	82,500	120,700	28
30	72.4	84.6	109,400	129,000*	86,300	119,700*	72,300	106,200	30
32	70.9	83.9	97,500	119,800*	76,700	107,400	64,000	94,600	32
34	69.3	83.1	87,700	111,700*	68,700	96,700	57,200	85,000	34
36	67.8	82.2	79,500	104,600*	62,100	87,700	51,500	77,000	36
38	66.2	81.3	72,600	96,400	56,400	80,100	46,600	70,200	38
40	64.6	80.3	66,600	88,700	51,600	73,500	42,400	64,300	40
45	60.5	77.5	54,700	73,400	41,900	60,500	34,100	52,700	45
50	56.2	74.2	45,800	62,100	34,700	50,900	27,900	44,000	50
55	51.7	70.3	39,000	53,400	29,100	43,400	23,100	37,400	55
60	46.8	65.8	33,500	46,400	24,700	37,500	19,300	32,100	60
65	41.5	60.3	29,000	40,700	21,000	32,600	16,100	27,700	65
70	35.5	53.6	25,300	35,900	17,900	28,600	13,500	24,000	70
75	28.4	45.0	22,100	31,900	15,300	25,100	11,200	20,900	75
80	18.8	32.6	19,200	28,300	12,900	22,000	9,100	18,100	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

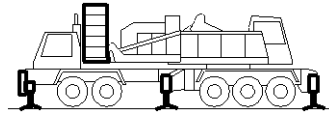
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



90 Ft. Boom

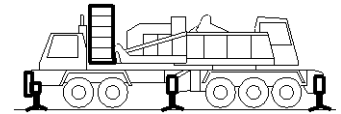


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	132,900	138,300*	30
32	73.1	94.5	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	118,800	128,500*	32
34	71.7	93.8	144,400*	144,400*	136,200*	136,200*	126,100	128,000*	107,100	119,800*	34
36	70.4	93.0	135,300*	135,300*	127,600*	127,600*	114,800	119,900*	97,400	112,200*	36
38	69.0	92.2	127,300*	127,300*	120,000*	120,000*	105,200	112,700*	89,100	105,400*	38
40	67.6	91.4	120,100*	120,100*	111,900	113,200*	96,900	106,200*	81,900	99,300*	40
45	64.1	89.0	104,900*	104,900*	93,300	98,800*	80,500	92,700*	67,700	86,500*	45
50	60.4	86.2	90,600	92,800*	79,500	87,300*	68,300	81,800*	57,200	73,600	50
55	56.6	82.9	78,600	83,000*	68,800	78,000*	58,900	73,000*	49,100	63,600	55
60	52.7	79.2	69,100	74,800*	60,300	70,200*	51,400	64,500	42,600	55,600	60
65	48.5	74.8	61,400	67,900*	53,400	63,700*	45,300	57,200	37,300	49,100	65
70	43.9	69.8	54,900	62,000*	47,600	58,100*	40,200	51,000	32,900	43,700	70
75	39.0	63.8	49,400	56,800*	42,700	52,700	35,900	45,900	29,200	39,100	75
80	33.4	56.6	44,700	52,300*	38,500	47,700	32,200	41,400	25,900	35,100	80
85	26.7	47.3	40,600	48,300*	34,800	43,400	29,000	37,500	23,100	31,600	85
90	17.6	34.1	37,000	44,700*	31,500	39,600	26,000	34,000	20,600	28,500	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	171,900	181,300*	20
22	79.7	97.2	183,400*	183,400*	161,800	170,500*	137,300	162,700*	22
24	78.4	96.8	166,200*	166,200*	134,200	154,500*	113,500	147,300*	24
26	77.1	96.3	143,400	151,800*	114,100	141,000*	96,300	134,400*	26
28	75.7	95.7	124,700	139,500*	98,900	129,500*	83,100	121,300	28
30	74.4	95.1	109,900	128,900*	86,800	119,600*	72,800	106,800	30
32	73.1	94.5	98,000	119,800*	77,200	107,900	64,500	95,100	32
34	71.7	93.8	88,200	111,700*	69,200	97,200	57,600	85,500	34
36	70.4	93.0	79,900	104,500*	62,500	88,100	51,900	77,400	36
38	69.0	92.2	72,900	96,800	56,800	80,500	47,000	70,500	38
40	67.6	91.4	66,900	89,100	51,900	73,900	42,800	64,600	40
45	64.1	89.0	55,000	73,800	42,200	60,900	34,400	53,000	45
50	60.4	86.2	46,100	62,400	35,000	51,200	28,200	44,300	50
55	56.6	82.9	39,200	53,700	29,400	43,700	23,400	37,700	55
60	52.7	79.2	33,800	46,700	24,900	37,800	19,600	32,300	60
65	48.5	74.8	29,300	41,000	21,300	32,900	16,400	28,000	65
70	43.9	69.8	25,600	36,300	18,300	28,900	13,800	24,400	70
75	39.0	63.8	22,400	32,300	15,700	25,400	11,500	21,300	75
80	33.4	56.6	19,700	28,800	13,400	22,500	9,600	18,600	80
85	26.7	47.3	17,300	25,800	11,400	19,900	7,900	16,300	85
90	17.6	34.1	15,100	23,000	9,600	17,500	6,300	14,200	90

Liftcrane Boom Capacities

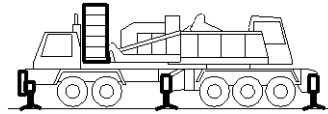
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	133,300	138,000*	30
32	74.8	105.0	154,300*	154,300*	145,600*	145,600*	136,900*	136,900*	119,100	128,200*	32
34	73.6	104.3	144,100*	144,100*	136,000*	136,000*	126,300	127,800*	107,400	119,600*	34
36	72.4	103.7	135,100*	135,100*	127,400*	127,400*	115,000	119,700*	97,600	112,000*	36
38	71.2	103.0	127,100*	127,100*	119,800*	119,800*	105,300	112,500*	89,200	105,200*	38
40	70.0	102.2	119,800*	119,800*	112,000	112,900*	97,000	106,000*	82,000	99,100*	40
45	66.9	100.1	104,700*	104,700*	93,400	98,500*	80,600	92,400*	67,800	86,300*	45
50	63.7	97.6	90,600	92,600*	79,500	87,100*	68,400	81,600*	57,300	73,700	50
55	60.4	94.8	78,700	82,800*	68,800	77,800*	59,000	72,800*	49,100	63,600	55
60	57.0	91.6	69,100	74,600*	60,300	70,000*	51,500	64,500	42,600	55,600	60
65	53.4	88.0	61,400	67,700*	53,400	63,500*	45,300	57,200	37,300	49,100	65
70	49.7	83.8	54,900	61,800*	47,600	57,900*	40,300	51,100	32,900	43,700	70
75	45.8	79.0	49,500	56,700*	42,700	52,700	35,900	45,900	29,200	39,100	75
80	41.5	73.5	44,800	52,200*	38,500	47,800	32,300	41,500	26,000	35,200	80
85	36.8	67.1	40,700	48,200*	34,900	43,500	29,000	37,600	23,200	31,700	85
90	31.5	59.3	37,100	44,700*	31,700	39,700	26,200	34,200	20,700	28,700	90
95	25.2	49.5	34,000	41,500*	28,800	36,400	23,700	31,200	18,500	26,000	95
100	16.6	35.4	31,100	38,200	26,200	33,400	21,400	28,500	16,500	23,600	100

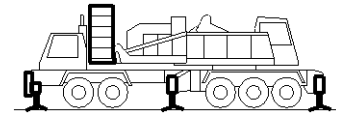
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	173,000	181,200*	20
22	80.7	107.4	183,200*	183,200*	162,600	170,300*	138,100	162,500*	22
24	79.6	107.0	166,000*	166,000*	134,800	154,200*	114,200	147,100*	24
26	78.4	106.5	144,000	151,600*	114,600	140,800*	96,800	134,200*	26
28	77.2	106.1	125,100	139,300*	99,300	129,300*	83,500	121,800	28
30	76.0	105.5	110,200	128,700*	87,200	119,400*	73,100	107,100	30
32	74.8	105.0	98,200	119,500*	77,400	108,200	64,800	95,400	32
34	73.6	104.3	88,400	111,400*	69,400	97,400	57,800	85,700	34
36	72.4	103.7	80,100	104,300*	62,700	88,300	52,100	77,600	36
38	71.2	103.0	73,100	97,000	57,000	80,700	47,100	70,700	38
40	70.0	102.2	67,000	89,200	52,000	74,000	42,900	64,800	40
45	66.9	100.1	55,000	73,800	42,300	60,900	34,500	53,100	45
50	63.7	97.6	46,100	62,500	35,000	51,200	28,200	44,400	50
55	60.4	94.8	39,300	53,700	29,400	43,700	23,400	37,700	55
60	57.0	91.6	33,800	46,700	24,900	37,800	19,600	32,300	60
65	53.4	88.0	29,300	41,000	21,300	32,900	16,400	28,000	65
70	49.7	83.8	25,600	36,300	18,300	28,900	13,800	24,400	70
75	45.8	79.0	22,400	32,300	15,700	25,500	11,600	21,300	75
80	41.5	73.5	19,700	28,800	13,500	22,500	9,600	18,700	80
85	36.8	67.1	17,400	25,800	11,500	20,000	8,000	16,400	85
90	31.5	59.3	15,300	23,200	9,800	17,700	6,500	14,400	90
95	25.2	49.5	13,400	20,900	8,300	15,700	5,100	12,500	95
100	16.6	35.4	11,700	18,700	6,800	13,800	3,900	10,800	100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

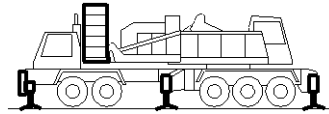
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



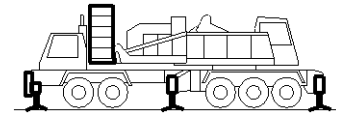
110 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	133,600	137,900*	30
32	76.2	115.4	151,300*	151,300*	145,500*	145,500*	136,800*	136,800*	119,300	128,100*	32
34	75.2	114.8	144,000*	144,000*	135,800*	135,800*	126,600	127,700*	107,600	119,500*	34
36	74.1	114.2	135,000*	135,000*	127,300*	127,300*	115,200	119,600*	97,700	111,900*	36
38	73.0	113.6	126,900*	126,900*	119,600*	119,600*	105,500	112,400*	89,400	105,100*	38
40	71.9	112.9	119,700*	119,700*	112,200	112,800*	97,200	105,900*	82,200	99,000*	40
45	69.1	111.0	104,500*	104,500*	93,500	98,400*	80,700	92,300*	67,900	86,200*	45
50	66.3	108.8	90,700	92,500*	79,600	87,000*	68,500	81,500*	57,300	73,800	50
55	63.3	106.3	78,700	82,600*	68,900	77,700*	59,000	72,700*	49,200	63,700	55
60	60.4	103.5	69,200	74,500*	60,300	69,900*	51,500	64,600	42,700	55,700	60
65	57.3	100.3	61,400	67,600*	53,400	63,400*	45,400	57,200	37,400	49,100	65
70	54.1	96.7	54,900	61,700*	47,600	57,800*	40,300	51,100	33,000	43,700	70
75	50.7	92.7	49,500	56,600*	42,700	52,700	36,000	45,900	29,200	39,100	75
80	47.2	88.2	44,800	52,100*	38,600	47,800	32,300	41,500	26,000	35,200	80
85	43.5	83.0	40,800	48,200*	34,900	43,600	29,100	37,700	23,300	31,800	85
90	39.4	77.1	37,200	44,700*	31,800	39,800	26,300	34,300	20,800	28,800	90
95	35.0	70.2	34,100	41,500*	29,000	36,500	23,800	31,400	18,700	26,200	95
100	30.0	61.9	31,300	38,500	26,400	33,600	21,600	28,700	16,700	23,800	100
105	24.0	51.6	28,700	35,500	24,200	30,900	19,600	26,300	15,000	21,700	105
110	15.8	36.7	26,400	32,800	22,000	28,500	17,700	24,100	13,300	19,700	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	173,900	181,000*	20
22	81.6	117.5	183,100*	183,100*	163,300	170,200*	138,700	162,400*	22
24	80.5	117.2	165,900*	165,900*	135,400	154,100*	114,700	147,000*	24
26	79.5	116.8	144,400	151,400*	115,100	140,600*	97,200	134,100*	26
28	78.4	116.3	125,400	139,200*	99,600	129,200*	83,900	122,100	28
30	77.3	115.9	110,500	128,600*	87,500	119,300*	73,400	107,500	30
32	76.2	115.4	98,500	119,400*	77,700	108,500	65,000	95,600	32
34	75.2	114.8	88,600	111,300*	69,600	97,600	58,100	85,900	34
36	74.1	114.2	80,300	104,200*	62,900	88,500	52,200	77,800	36
38	73.0	113.6	73,200	97,100	57,100	80,800	47,300	70,900	38
40	71.9	112.9	67,200	89,400	52,200	74,200	43,000	64,900	40
45	69.1	111.0	55,100	74,000	42,400	61,000	34,600	53,200	45
50	66.3	108.8	46,200	62,500	35,100	51,300	28,300	44,500	50
55	63.3	106.3	39,300	53,700	29,500	43,800	23,500	37,700	55
60	60.4	103.5	33,800	46,700	25,000	37,800	19,600	32,400	60
65	57.3	100.3	29,300	41,000	21,300	33,000	16,500	28,000	65
70	54.1	96.7	25,600	36,300	18,300	28,900	13,800	24,400	70
75	50.7	92.7	22,500	32,300	15,700	25,500	11,600	21,400	75
80	47.2	88.2	19,800	28,900	13,500	22,600	9,700	18,700	80
85	43.5	83.0	17,400	25,900	11,600	20,000	8,000	16,400	85
90	39.4	77.1	15,400	23,300	9,900	17,800	6,600	14,400	90
95	35.0	70.2	13,500	21,000	8,400	15,800	5,300	12,700	95
100	30.0	61.9	11,900	18,900	7,000	14,000	4,100	11,100	100
105	24.0	51.6	10,400	17,000	5,800	12,400	3,000	9,600	105
110	15.8	36.7	9,000	15,300	4,600	10,900		8,200	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

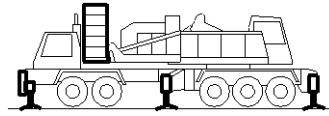
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



120 Ft. Boom

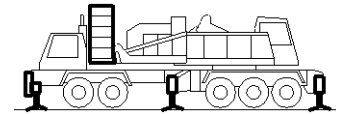


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	134,000	138,100*	30
32	77.4	125.7	144,500*	144,500*	144,500*	144,500*	137,000*	137,000*	119,700	128,200*	32
34	76.4	125.2	137,700*	137,700*	136,000*	136,000*	127,000	127,800*	108,000	119,600*	34
36	75.4	124.6	131,400*	131,400*	127,400*	127,400*	115,600	119,700*	98,100	112,000*	36
38	74.4	124.0	125,500*	125,500*	119,800*	119,800*	105,900	112,500*	89,800	105,200*	38
40	73.4	123.4	119,900*	119,900*	112,500	112,900*	97,500	106,000*	82,500	99,100*	40
45	70.9	121.7	104,700*	104,700*	93,800	98,600*	81,000	92,500*	68,300	86,300*	45
50	68.4	119.7	91,000	92,600*	79,900	87,100*	68,800	81,600*	57,700	74,100	50
55	65.7	117.5	79,000	82,800*	69,200	77,800*	59,300	72,800*	49,500	64,000	55
60	63.1	115.0	69,500	74,600*	60,600	70,100*	51,800	64,900	43,000	56,000	60
65	60.3	112.2	61,700	67,800*	53,700	63,600*	45,700	57,500	37,700	49,400	65
70	57.5	109.0	55,300	61,900*	47,900	58,000*	40,600	51,400	33,300	44,000	70
75	54.6	105.5	49,800	56,800*	43,000	53,100	36,300	46,200	29,500	39,400	75
80	51.6	101.6	45,100	52,300*	38,900	48,100	32,600	41,800	26,400	35,500	80
85	48.4	97.2	41,100	48,400*	35,300	43,900	29,400	38,000	23,600	32,100	85
90	45.0	92.3	37,600	44,900*	32,100	40,200	26,600	34,700	21,200	29,200	90
95	41.5	86.8	34,400	41,800*	29,300	36,900	24,200	31,700	19,000	26,500	95
100	37.6	80.5	31,700	38,900	26,800	34,000	22,000	29,100	17,100	24,200	100
105	33.4	73.1	29,200	36,000	24,600	31,300	20,000	26,700	15,400	22,100	105
110	28.6	64.4	26,900	33,300	22,500	29,000	18,200	24,600	13,800	20,200	110
115	22.9	53.5	24,800	31,000	20,700	26,800	16,500	22,600	12,400	18,400	115
120	15.1	38.0	22,900	28,700	18,900	24,700	15,000	20,800	11,000	16,800	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	164,000	170,400*	139,400	162,500*	22
24	81.3	127.3	166,000*	166,000*	136,000	154,300*	115,300	147,100*	24
26	80.3	127.0	144,900	151,600*	115,600	140,800*	97,700	134,200*	26
28	79.4	126.6	125,900	139,300*	100,100	129,300*	84,400	122,600	28
30	78.4	126.1	111,000	128,700*	87,900	119,400*	73,900	107,900	30
32	77.4	125.7	98,900	119,500*	78,100	108,900	65,400	96,100	32
34	76.4	125.2	89,000	111,500*	70,000	98,000	58,500	86,300	34
36	75.4	124.6	80,700	104,300*	63,300	88,900	52,600	78,200	36
38	74.4	124.0	73,600	97,500	57,500	81,200	47,700	71,300	38
40	73.4	123.4	67,500	89,700	52,500	74,500	43,400	65,300	40
45	70.9	121.7	55,500	74,300	42,700	61,400	34,900	53,500	45
50	68.4	119.7	46,500	62,900	35,400	51,600	28,600	44,800	50
55	65.7	117.5	39,600	54,100	29,800	44,100	23,800	38,100	55
60	63.1	115.0	34,100	47,100	25,300	38,100	19,900	32,700	60
65	60.3	112.2	29,700	41,400	21,600	33,300	16,800	28,300	65
70	57.5	109.0	25,900	36,600	18,600	29,200	14,100	24,700	70
75	54.6	105.5	22,800	32,600	16,000	25,800	11,900	21,700	75
80	51.6	101.6	20,100	29,200	13,800	22,900	10,000	19,000	80
85	48.4	97.2	17,700	26,200	11,900	20,400	8,400	16,800	85
90	45.0	92.3	15,700	23,600	10,200	18,100	6,900	14,800	90
95	41.5	86.8	13,900	21,300	8,700	16,200	5,600	13,000	95
100	37.6	80.5	12,300	19,300	7,400	14,400	4,500	11,400	100
105	33.4	73.1	10,800	17,500	6,200	12,800	3,400	10,000	105
110	28.6	64.4	9,500	15,800	5,100	11,400	2,400	8,700	110
115	22.9	53.5	8,200	14,200	4,100	10,100		7,500	115
120	15.1	38.0	7,100	12,800	3,100	8,800		6,400	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

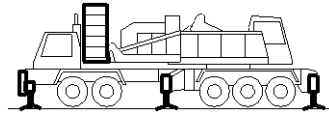
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



130 Ft. Boom

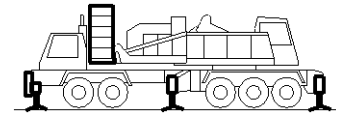


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	134,200	137,700*	30
32	78.4	135.9	139,100*	139,100*	139,100*	139,100*	136,600*	136,600*	119,900	127,900*	32
34	77.5	135.5	133,000*	133,000*	133,000*	133,000*	127,000	127,500*	108,000	119,300*	34
36	76.6	135.0	126,700*	126,700*	126,700*	126,700*	115,600	119,400*	98,200	111,700*	36
38	75.7	134.4	120,900*	120,900*	119,400*	119,400*	105,900	112,200*	89,700	104,900*	38
40	74.8	133.9	115,500*	115,500*	112,500	112,600*	97,500	105,700*	82,500	98,800*	40
45	72.5	132.3	103,700*	103,700*	93,700	98,200*	80,900	92,100*	68,200	86,000*	45
50	70.1	130.5	90,900	92,300*	79,800	86,800*	68,700	81,300*	57,500	74,000	50
55	67.7	128.5	78,900	82,500*	69,000	77,500*	59,200	72,500*	49,300	63,800	55
60	65.3	126.2	69,300	74,300*	60,500	69,700*	51,600	64,700	42,800	55,800	60
65	62.8	123.6	61,500	67,400*	53,500	63,200*	45,500	57,300	37,500	49,200	65
70	60.3	120.8	55,000	61,500*	47,700	57,600*	40,400	51,200	33,100	43,800	70
75	57.7	117.7	49,600	56,400*	42,800	52,800*	36,100	46,000	29,300	39,200	75
80	55.0	114.2	44,900	52,000*	38,700	47,900	32,400	41,600	26,100	35,300	80
85	52.2	110.4	40,900	48,100*	35,000	43,700	29,200	37,800	23,400	31,900	85
90	49.4	106.2	37,300	44,600*	31,900	40,000	26,400	34,400	20,900	28,900	90
95	46.3	101.5	34,200	41,400*	29,100	36,700	23,900	31,500	18,800	26,300	95
100	43.1	96.2	31,500	38,600*	26,600	33,800	21,800	28,900	16,900	24,000	100
105	39.7	90.3	29,000	35,800	24,400	31,100	19,800	26,500	15,200	21,900	105
110	36.1	83.7	26,700	33,200	22,400	28,800	18,000	24,400	13,600	20,000	110
115	32.0	76.0	24,700	30,800	20,500	26,600	16,400	22,500	12,200	18,300	115
120	27.4	66.8	22,800	28,700	18,800	24,700	14,900	20,700	10,900	16,700	120
125	21.9	55.4	21,100	26,700	17,300	22,900	13,500	19,000	9,700	15,200	125
130	14.4	39.1	19,400	24,800	15,800	21,100	12,200	17,500	8,600	13,800	130

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	164,600	170,100*	140,000	162,200*	22
24	82.0	137.5	165,700*	165,700*	136,400	154,000*	115,700	146,800*	24
26	81.1	137.1	145,200	151,300*	115,900	140,500*	98,100	133,900*	26
28	80.2	136.8	126,100	139,000*	100,300	129,000*	84,600	122,900	28
30	79.3	136.4	111,100	128,400*	88,100	119,100*	74,100	108,100	30
32	78.4	135.9	99,000	119,200*	78,200	109,100	65,500	96,200	32
34	77.5	135.5	89,100	111,100*	70,100	98,100	58,500	86,400	34
36	76.6	135.0	80,700	104,000*	63,300	89,000	52,700	78,200	36
38	75.7	134.4	73,600	97,500	57,500	81,200	47,700	71,300	38
40	74.8	133.9	67,500	89,700	52,500	74,500	43,400	65,300	40
45	72.5	132.3	55,400	74,200	42,600	61,300	34,800	53,400	45
50	70.1	130.5	46,400	62,700	35,300	51,500	28,500	44,700	50
55	67.7	128.5	39,500	53,900	29,600	44,000	23,600	37,900	55
60	65.3	126.2	34,000	46,900	25,100	38,000	19,700	32,500	60
65	62.8	123.6	29,500	41,200	21,400	33,100	16,600	28,200	65
70	60.3	120.8	25,700	36,400	18,400	29,000	13,900	24,500	70
75	57.7	117.7	22,600	32,400	15,800	25,600	11,700	21,400	75
80	55.0	114.2	19,900	29,000	13,600	22,700	9,800	18,800	80
85	52.2	110.4	17,500	26,000	11,700	20,100	8,100	16,500	85
90	49.4	106.2	15,500	23,400	10,000	17,900	6,700	14,600	90
95	46.3	101.5	13,700	21,100	8,500	16,000	5,400	12,800	95
100	43.1	96.2	12,100	19,100	7,200	14,200	4,200	11,200	100
105	39.7	90.3	10,600	17,300	6,000	12,600	3,200	9,800	105
110	36.1	83.7	9,300	15,600	4,900	11,200	2,300	8,500	110
115	32.0	76.0	8,100	14,100	3,900	9,900		7,400	115
120	27.4	66.8	7,000	12,700	3,000	8,700		6,300	120
125	21.9	55.4	5,900	11,400	2,200	7,600		5,300	125
130	14.4	39.1	4,900	10,200		6,500		4,300	130

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

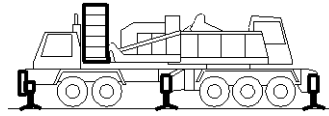
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



140 Ft. Boom

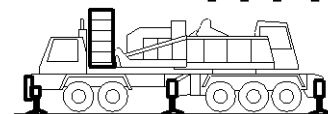


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	134,300	137,400*	30
32	79.2	146.2	132,200*	132,200*	132,200*	132,200*	132,200*	132,200*	119,900	127,600*	32
34	78.4	145.7	126,200*	126,200*	126,200*	126,200*	126,200*	126,200*	108,100	119,000*	34
36	77.6	145.3	120,600*	120,600*	120,600*	120,600*	115,600	119,100*	98,100	111,400*	36
38	76.7	144.8	115,000*	115,000*	115,000*	115,000*	105,800	111,900*	89,700	104,600*	38
40	75.9	144.3	109,800*	109,800*	109,800*	109,800*	97,400	105,400*	82,400	98,500*	40
45	73.7	142.8	98,300*	98,300*	93,600	97,900*	80,800	91,800*	68,100	85,700*	45
50	71.6	141.2	88,700*	88,700*	79,600	86,500*	68,500	81,000*	57,400	73,800	50
55	69.4	139.3	78,700	80,400*	68,900	77,200*	59,000	72,200*	49,200	63,700	55
60	67.2	137.2	69,100	73,200*	60,300	69,400*	51,500	64,500	42,600	55,600	60
65	64.9	134.9	61,300	66,900*	53,300	62,900*	45,300	57,100	37,300	49,100	65
70	62.6	132.3	54,900	61,200*	47,500	57,300*	40,200	51,000	32,900	43,600	70
75	60.3	129.5	49,400	56,100*	42,600	52,500*	35,900	45,800	29,100	39,000	75
80	57.9	126.4	44,700	51,700*	38,500	47,700	32,200	41,400	25,900	35,100	80
85	55.4	122.9	40,700	47,800*	34,800	43,500	29,000	37,600	23,200	31,700	85
90	52.8	119.2	37,100	44,300*	31,700	39,700	26,200	34,200	20,700	28,700	90
95	50.2	115.1	34,000	41,200*	28,900	36,500	23,700	31,300	18,600	26,100	95
100	47.4	110.5	31,200	38,400*	26,400	33,600	21,500	28,700	16,700	23,800	100
105	44.5	105.5	28,800	35,600	24,200	30,900	19,600	26,300	15,000	21,700	105
110	41.5	100.0	26,500	33,000	22,200	28,600	17,800	24,200	13,500	19,800	110
115	38.2	93.8	24,500	30,600	20,400	26,500	16,200	22,300	12,100	18,100	115
120	34.7	86.8	22,600	28,500	18,700	24,500	14,700	20,500	10,800	16,500	120
125	30.8	78.7	20,900	26,500	17,200	22,700	13,400	18,900	9,600	15,100	125
130	26.4	69.1	19,400	24,700	15,800	21,100	12,100	17,400	8,500	13,800	130
135	21.1	57.2	17,900	23,000	14,400	19,500	11,000	16,000	7,500	12,500	135
140	13.9	40.3	16,500	21,400	13,200	18,100	9,800	14,700	6,500	11,300	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 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*	136,700	153,700*	116,000	146,500*	24
26	81.7	147.3	145,500	151,000*	116,100	140,200*	98,300	133,600*	26
28	80.9	146.9	126,300	138,700*	100,500	128,700*	84,800	122,600*	28
30	80.1	146.6	111,200	128,100*	88,200	118,800*	74,200	108,200	30
32	79.2	146.2	99,100	118,900*	78,300	109,100	65,600	96,300	32
34	78.4	145.7	89,100	110,800*	70,100	98,100	58,600	86,400	34
36	77.6	145.3	80,700	103,700*	63,300	89,000	52,600	78,200	36
38	76.7	144.8	73,600	97,300*	57,400	81,200	47,600	71,200	38
40	75.9	144.3	67,400	89,600	52,400	74,500	43,300	65,200	40
45	73.7	142.8	55,300	74,100	42,500	61,200	34,700	53,300	45
50	71.6	141.2	46,300	62,600	35,100	51,400	28,400	44,500	50
55	69.4	139.3	39,300	53,800	29,500	43,800	23,500	37,700	55
60	67.2	137.2	33,800	46,700	24,900	37,800	19,600	32,400	60
65	64.9	134.9	29,300	41,000	21,300	32,900	16,400	28,000	65
70	62.6	132.3	25,500	36,200	18,200	28,800	13,700	24,300	70
75	60.3	129.5	22,400	32,200	15,600	25,400	11,500	21,300	75
80	57.9	126.4	19,700	28,800	13,400	22,500	9,600	18,600	80
85	55.4	122.9	17,300	25,800	11,500	19,900	7,900	16,300	85
90	52.8	119.2	15,300	23,200	9,800	17,700	6,500	14,400	90
95	50.2	115.1	13,500	20,900	8,300	15,700	5,200	12,600	95
100	47.4	110.5	11,800	18,900	7,000	14,000	4,000	11,000	100
105	44.5	105.5	10,400	17,100	5,800	12,400	3,000	9,600	105
110	41.5	100.0	9,100	15,400	4,700	11,000	2,100	8,400	110
115	38.2	93.8	7,900	13,900	3,800	9,700		7,200	115
120	34.7	86.8	6,800	12,600	2,900	8,600		6,100	120
125	30.8	78.7	5,800	11,300	2,000	7,500		5,200	125
130	26.4	69.1	4,900	10,100		6,500		4,300	130
135	21.1	57.2	4,000	9,000		5,500		3,400	135
140	13.9	40.3	3,100	8,000		4,600		2,600	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

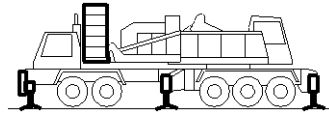
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	134,400	136,900*	30
32	80.0	156.4	138,900*	138,900*	138,900*	138,900*	135,700*	135,700*	119,900	127,000*	32
34	79.2	156.0	130,900*	130,900*	130,900*	130,900*	126,600*	126,600*	108,000	118,400*	34
36	78.4	155.5	123,900*	123,900*	123,900*	123,900*	115,500	118,500*	98,000	110,800*	36
38	77.6	155.1	117,600*	117,600*	117,600*	117,600*	105,700	111,300*	89,500	104,000*	38
40	76.8	154.6	112,000*	112,000*	111,700*	111,700*	97,200	104,800*	82,200	97,900*	40
45	74.9	153.2	100,200*	100,200*	93,300	97,300*	80,500	91,200*	67,800	85,100*	45
50	72.9	151.7	90,400	90,700*	79,300	85,800*	68,200	80,400*	57,000	73,500	50
55	70.8	150.0	78,300	81,500*	68,500	76,500*	58,600	71,500*	48,800	63,300	55
60	68.8	148.1	68,700	73,300*	59,900	68,800*	51,000	64,100	42,200	55,200	60
65	66.7	145.9	60,900	66,500*	52,800	62,300*	44,800	56,700	36,800	48,600	65
70	64.6	143.6	54,400	60,600*	47,000	56,700*	39,700	50,500	32,400	43,100	70
75	62.5	141.0	48,900	55,500*	42,100	51,800*	35,400	45,300	28,600	38,500	75
80	60.3	138.1	44,200	51,000*	37,900	47,200	31,700	40,900	25,400	34,600	80
85	58.0	135.0	40,100	47,100*	34,300	42,900	28,500	37,000	22,600	31,200	85
90	55.7	131.7	36,600	43,600*	31,100	39,200	25,600	33,700	20,200	28,200	90
95	53.3	128.0	33,500	40,500*	28,300	35,900	23,200	30,700	18,000	25,500	95
100	50.9	123.9	30,700	37,700*	25,800	33,000	21,000	28,100	16,100	23,200	100
105	48.3	119.6	28,200	35,000	23,600	30,400	19,000	25,700	14,400	21,100	105
110	45.7	114.7	26,000	32,400	21,600	28,000	17,200	23,600	12,900	19,200	110
115	42.9	109.5	23,900	30,100	19,800	25,900	15,600	21,700	11,500	17,500	115
120	40.0	103.6	22,100	27,900	18,100	23,900	14,200	20,000	10,200	16,000	120
125	36.8	97.1	20,400	26,000	16,600	22,200	12,800	18,400	9,000	14,500	125
130	33.4	89.7	18,800	24,200	15,200	20,500	11,600	16,900	8,000	13,200	130
135	29.7	81.3	17,400	22,500	13,900	19,000	10,400	15,500	6,900	12,000	135
140	25.4	71.3	16,000	21,000	12,700	17,600	9,400	14,200	6,000	10,900	140
145	20.3	58.9	14,800	19,500	11,600	16,300	8,300	13,000	5,100	9,800	145
150	13.4	41.4	13,600	18,100	10,400	15,000	7,300	11,900	4,200	8,800	150

Liftcrane Boom Capacities

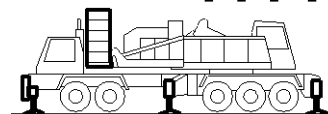
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	145,800	150,500*	116,500	139,600*	26
28	81.5	157.1	126,500	138,100*	100,700	128,100*	28
30	80.7	156.7	111,400	127,600*	88,300	118,200*	30
32	80.0	156.4	99,100	118,300*	78,300	109,200	32
34	79.2	156.0	89,000	110,200*	70,100	98,100	34
36	78.4	155.5	80,600	103,100*	63,200	88,900	36
38	77.6	155.1	73,400	96,700*	57,300	81,000	38
40	76.8	154.6	67,200	89,400	52,200	74,300	40
45	74.9	153.2	55,000	73,800	42,200	60,900	45
50	72.9	151.7	45,900	62,300	34,800	51,000	50
55	70.8	150.0	38,900	53,400	29,100	43,400	55
60	68.8	148.1	33,300	46,300	24,500	37,400	60
65	66.7	145.9	28,800	40,500	20,800	32,400	65
70	64.6	143.6	25,000	35,700	17,700	28,300	70
75	62.5	141.0	21,900	31,700	15,100	24,900	75
80	60.3	138.1	19,100	28,300	12,900	21,900	80
85	58.0	135.0	16,800	25,300	10,900	19,400	85
90	55.7	131.7	14,700	22,700	9,200	17,200	90
95	53.3	128.0	12,900	20,400	7,800	15,200	95
100	50.9	123.9	11,300	18,300	6,400	13,400	100
105	48.3	119.6	9,800	16,500	5,200	11,900	105
110	45.7	114.7	8,500	14,800	4,200	10,500	110
115	42.9	109.5	7,300	13,300	3,200	9,200	115
120	40.0	103.6	6,200	12,000	2,300	8,000	120
125	36.8	97.1	5,200	10,700		6,900	125
130	33.4	89.7	4,300	9,600		5,900	130
135	29.7	81.3	3,500	8,500		5,000	135
140	25.4	71.3	2,700	7,500		4,100	140
145	20.3	58.9		6,600		3,300	145
150	13.4	41.4		5,600		2,500	150

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

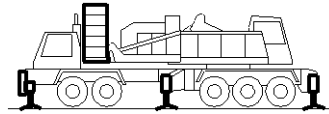
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	134,400	136,500*	30
32	80.6	166.5	136,000*	136,000*	136,000*	136,000*	135,400*	135,400*	119,900	126,700*	32
34	79.9	166.2	128,100*	128,100*	128,100*	128,100*	126,200*	126,200*	107,900	118,100*	34
36	79.1	165.8	121,100*	121,100*	121,100*	121,100*	115,300	118,100*	97,900	110,400*	36
38	78.4	165.3	115,000*	115,000*	115,000*	115,000*	105,500	110,900*	89,400	103,600*	38
40	77.7	164.9	109,400*	109,400*	109,400*	109,400*	97,100	104,400*	82,100	97,500*	40
45	75.8	163.6	97,800*	97,800*	93,100	96,900*	80,400	90,800*	67,600	84,700*	45
50	74.0	162.2	88,500*	88,500*	79,100	85,500*	67,900	80,000*	56,800	73,300	50
55	72.1	160.6	78,100	80,900*	68,200	76,200*	58,400	71,200*	48,500	63,100	55
60	70.2	158.8	68,400	73,000*	59,600	68,400*	50,800	63,900	41,900	54,900	60
65	68.3	156.8	60,600	66,100*	52,600	61,900*	44,600	56,400	36,600	48,300	65
70	66.3	154.6	54,100	60,200*	46,800	56,300*	39,400	50,300	32,100	42,900	70
75	64.3	152.2	48,600	55,100*	41,800	51,500*	35,100	45,100	28,300	38,200	75
80	62.3	149.6	43,900	50,700*	37,600	46,900	31,400	40,600	25,100	34,300	80
85	60.2	146.8	39,800	46,800*	34,000	42,600	28,200	36,800	22,300	30,900	85
90	58.1	143.7	36,300	43,300*	30,800	38,900	25,400	33,400	19,900	27,900	90
95	56.0	140.4	33,200	40,200*	28,000	35,600	22,900	30,400	17,800	25,300	95
100	53.8	136.7	30,400	37,400*	25,500	32,700	20,700	27,800	15,800	22,900	100
105	51.5	132.8	27,900	34,700	23,300	30,100	18,700	25,500	14,100	20,800	105
110	49.1	128.5	25,700	32,100	21,300	27,700	17,000	23,300	12,600	19,000	110
115	46.7	123.9	23,600	29,800	19,500	25,600	15,400	21,400	11,200	17,300	115
120	44.1	118.8	21,800	27,700	17,800	23,700	13,900	19,700	9,900	15,700	120
125	41.5	113.2	20,100	25,700	16,300	21,900	12,600	18,100	8,800	14,300	125
130	38.6	107.1	18,600	23,900	14,900	20,300	11,300	16,600	7,700	13,000	130
135	35.6	100.3	17,100	22,300	13,700	18,800	10,200	15,300	6,700	11,800	135
140	32.3	92.6	15,800	20,700	12,500	17,400	9,100	14,000	5,800	10,600	140
145	28.7	83.8	14,600	19,300	11,400	16,100	8,100	12,800	4,900	9,600	145
150	24.6	73.5	13,400	18,000	10,300	14,900	7,200	11,700	4,100	8,600	150
155	19.6	60.6	12,300	16,700	9,300	13,700	6,300	10,700	3,300	7,700	155
160	12.9	42.5	11,200	15,500	8,400	12,600	5,500	9,700	2,600	6,800	160

Liftcrane Boom Capacities

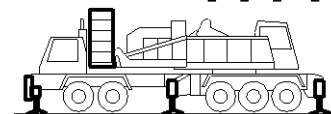
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
26	82.8	167.5	145,900	150,100*
28	82.1	167.2	126,500	137,800*
30	81.3	166.9	111,300	127,200*
32	80.6	166.5	99,000	118,000*
34	79.9	166.2	88,900	109,900*
36	79.1	165.8	80,500	102,700*
38	78.4	165.3	73,300	96,300*
40	77.7	164.9	67,100	89,300
45	75.8	163.6	54,800	73,600
50	74.0	162.2	45,700	62,100
55	72.1	160.6	38,700	53,100
60	70.2	158.8	33,100	46,000
65	68.3	156.8	28,500	40,300
70	66.3	154.6	24,800	35,500
75	64.3	152.2	21,600	31,400
80	62.3	149.6	18,900	28,000
85	60.2	146.8	16,500	25,000
90	58.1	143.7	14,400	22,400
95	56.0	140.4	12,600	20,100
100	53.8	136.7	11,000	18,000
105	51.5	132.8	9,500	16,200
110	49.1	128.5	8,200	14,600
115	46.7	123.9	7,100	13,100
120	44.1	118.8	6,000	11,700
125	41.5	113.2	5,000	10,500
130	38.6	107.1	4,100	9,300
135	35.6	100.3	3,200	8,300
140	32.3	92.6	2,400	7,300
145	28.7	83.8		6,400
150	24.6	73.5		5,500
155	19.6	60.6		4,700
160	12.9	42.5		3,900

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

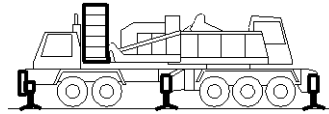
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	134,400	136,400*	30
32	81.2	176.7	133,300*	133,300*	133,300*	133,300*	133,300*	133,300*	119,900	126,600*	32
34	80.5	176.3	125,500*	125,500*	125,500*	125,500*	125,500*	125,500*	107,900	118,000*	34
36	79.8	176.0	118,600*	118,600*	118,600*	118,600*	115,400	118,100*	97,900	110,400*	36
38	79.1	175.6	112,400*	112,400*	112,400*	112,400*	105,500	110,800*	89,400	103,600*	38
40	78.4	175.1	106,900*	106,900*	106,900*	106,900*	97,100	104,400*	82,100	97,400*	40
45	76.7	174.0	95,400*	95,400*	93,100	95,400*	80,300	90,800*	67,600	84,600*	45
50	74.9	172.6	86,200*	86,200*	79,100	85,400*	67,900	79,900*	56,800	73,300	50
55	73.2	171.1	78,100	78,700*	68,200	76,100*	58,400	71,100*	48,500	63,000	55
60	71.4	169.4	68,400	72,400*	59,600	68,400*	50,700	63,800*	41,900	54,900	60
65	69.6	167.6	60,600	66,000*	52,600	61,800*	44,500	56,400	36,500	48,300	65
70	67.8	165.6	54,100	60,200*	46,700	56,300*	39,400	50,200	32,100	42,800	70
75	65.9	163.3	48,600	55,100*	41,800	51,400*	35,100	45,000	28,300	38,200	75
80	64.1	160.9	43,900	50,600*	37,600	46,900	31,400	40,600	25,100	34,300	80
85	62.2	158.3	39,800	46,700*	34,000	42,600	28,100	36,700	22,300	30,900	85
90	60.2	155.5	36,300	43,200*	30,800	38,900	25,300	33,400	19,900	27,900	90
95	58.3	152.4	33,200	40,100*	28,000	35,600	22,900	30,400	17,700	25,200	95
100	56.2	149.1	30,400	37,300*	25,500	32,700	20,700	27,800	15,800	22,900	100
105	54.2	145.5	27,900	34,700	23,300	30,100	18,700	25,400	14,100	20,800	105
110	52.0	141.6	25,700	32,100	21,300	27,700	16,900	23,300	12,600	18,900	110
115	49.8	137.4	23,600	29,800	19,500	25,600	15,300	21,400	11,200	17,200	115
120	47.6	132.9	21,800	27,700	17,800	23,700	13,900	19,700	9,900	15,700	120
125	45.2	128.0	20,100	25,700	16,300	21,900	12,600	18,100	8,800	14,300	125
130	42.7	122.7	18,600	23,900	15,000	20,300	11,300	16,600	7,700	13,000	130
135	40.1	116.8	17,200	22,300	13,700	18,800	10,200	15,300	6,700	11,800	135
140	37.4	110.4	15,800	20,800	12,500	17,400	9,200	14,000	5,800	10,700	140
145	34.5	103.3	14,600	19,400	11,400	16,100	8,200	12,900	5,000	9,600	145
150	31.3	95.4	13,500	18,000	10,400	14,900	7,300	11,800	4,200	8,700	150
155	27.8	86.2	12,400	16,800	9,400	13,800	6,400	10,800	3,400	7,800	155
160	23.8	75.5	11,400	15,700	8,500	12,700	5,600	9,800	2,700	6,900	160
165	19.0	62.2	10,400	14,600	7,600	11,700	4,800	8,900	2,000	6,100	165
170	12.5	43.5	9,500	13,500	6,800	10,800	4,100	8,000		5,300	170

Liftcrane Boom Capacities

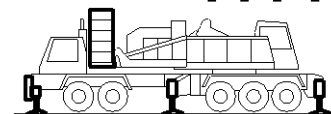
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
28	82.5	177.3	126,600	137,700*
30	81.8	177.0	111,300	127,100*
32	81.2	176.7	99,100	117,900*
34	80.5	176.3	89,000	109,800*
36	79.8	176.0	80,500	102,700*
38	79.1	175.6	73,300	96,300*
40	78.4	175.1	67,100	89,300
45	76.7	174.0	54,800	73,600
50	74.9	172.6	45,700	62,000
55	73.2	171.1	38,700	53,100
60	71.4	169.4	33,100	46,000
65	69.6	167.6	28,500	40,200
70	67.8	165.6	24,700	35,400
75	65.9	163.3	21,600	31,400
80	64.1	160.9	18,800	28,000
85	62.2	158.3	16,500	25,000
90	60.2	155.5	14,400	22,400
95	58.3	152.4	12,600	20,100
100	56.2	149.1	11,000	18,000
105	54.2	145.5	9,500	16,200
110	52.0	141.6	8,200	14,600
115	49.8	137.4	7,000	13,100
120	47.6	132.9	6,000	11,700
125	45.2	128.0	5,000	10,500
130	42.7	122.7	4,100	9,300
135	40.1	116.8	3,200	8,300
140	37.4	110.4	2,500	7,300
145	34.5	103.3		6,400
150	31.3	95.4		5,600
155	27.8	86.2		4,800
160	23.8	75.5		4,000
165	19.0	62.2		3,300
170	12.5	43.5		2,600

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

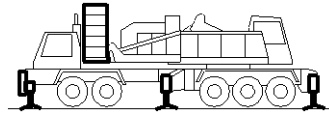
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



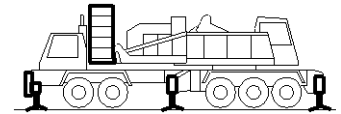
180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	119,900	124,900*	32
34	81.0	186.5	120,900*	120,900*	120,900*	120,900*	120,900*	120,900*	107,900	117,600*	34
36	80.4	186.1	115,700*	115,700*	115,700*	115,700*	115,300	115,700*	97,900	110,000*	36
38	79.7	185.8	109,700*	109,700*	109,700*	109,700*	105,500	109,700*	89,300	103,200*	38
40	79.1	185.4	104,300*	104,300*	104,300*	104,300*	97,000	104,000*	82,000	97,100*	40
45	77.4	184.3	92,900*	92,900*	92,900*	92,900*	80,200	90,300*	67,400	84,200*	45
50	75.8	183.0	83,800*	83,800*	78,800	83,800*	67,700	79,500*	56,600	73,100	50
55	74.1	181.6	76,500*	76,500*	68,000	75,700*	58,100	70,700*	48,300	62,800	55
60	72.5	180.0	68,100	70,300*	59,300	67,900*	50,500	63,400*	41,600	54,700	60
65	70.8	178.3	60,300	65,000*	52,300	61,400*	44,300	56,100	36,200	48,000	65
70	69.1	176.4	53,800	59,700*	46,400	55,800*	39,100	49,900	31,800	42,500	70
75	67.4	174.3	48,300	54,600*	41,500	51,000*	34,700	44,700	28,000	37,900	75
80	65.6	172.0	43,600	50,200*	37,300	46,600	31,000	40,300	24,800	33,900	80
85	63.8	169.6	39,500	46,300*	33,600	42,300	27,800	36,400	22,000	30,500	85
90	62.1	167.0	35,900	42,800*	30,500	38,500	25,000	33,000	19,500	27,500	90
95	60.2	164.1	32,800	39,700*	27,700	35,200	22,500	30,100	17,400	24,900	95
100	58.4	161.0	30,000	36,900*	25,200	32,300	20,300	27,400	15,500	22,500	100
105	56.4	157.8	27,500	34,300	22,900	29,700	18,300	25,100	13,800	20,500	105
110	54.5	154.2	25,300	31,700	20,900	27,400	16,600	23,000	12,200	18,600	110
115	52.5	150.4	23,300	29,400	19,100	25,200	15,000	21,100	10,800	16,900	115
120	50.4	146.3	21,400	27,300	17,500	23,300	13,500	19,300	9,600	15,300	120
125	48.3	141.9	19,700	25,300	16,000	21,500	12,200	17,700	8,400	13,900	125
130	46.1	137.2	18,200	23,600	14,600	19,900	11,000	16,300	7,300	12,600	130
135	43.8	132.0	16,800	21,900	13,300	18,400	9,800	14,900	6,300	11,400	135
140	41.5	126.4	15,500	20,400	12,100	17,000	8,800	13,700	5,400	10,300	140
145	39.0	120.4	14,200	19,000	11,000	15,800	7,800	12,500	4,600	9,300	145
150	36.3	113.7	13,100	17,700	10,000	14,600	6,900	11,400	3,800	8,300	150
155	33.5	106.3	12,000	16,500	9,100	13,400	6,100	10,400	3,100	7,400	155
160	30.4	98.0	11,000	15,300	8,200	12,400	5,300	9,500	2,400	6,600	160
165	27.0	88.6	10,100	14,200	7,300	11,400	4,500	8,600		5,800	165
170	23.1	77.5	9,200	13,200	6,500	10,500	3,800	7,800		5,000	170
175	18.5	63.8	8,400	12,200	5,700	9,600	3,100	6,900		4,300	175
180	12.1	44.5	7,500	11,300*	5,000	8,700	2,400	6,100		3,600	180

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



190 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 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*	107,900	112,900*	34
36	80.9	196.3	109,100*	109,100*	109,100*	109,100*	109,100*	109,100*	97,800	109,100*	36
38	80.3	195.9	105,500*	105,500*	105,500*	105,500*	105,300	105,500*	89,200	102,800*	38
40	79.7	195.6	101,500*	101,500*	101,500*	101,500*	96,800	101,500*	81,800	96,700*	40
45	78.1	194.5	90,400*	90,400*	90,400*	90,400*	80,000	90,000*	67,200	83,900*	45
50	76.6	193.3	81,500*	81,500*	78,600	81,500*	67,500	79,100*	56,400	72,800	50
55	75.0	192.0	74,200*	74,200*	67,700	74,200*	57,900	70,300*	48,000	62,600	55
60	73.4	190.5	67,900	68,100*	59,000	67,600*	50,200	63,000*	41,400	54,400	60
65	71.8	188.9	60,000	62,900*	52,000	61,000*	44,000	55,800	36,000	47,700	65
70	70.2	187.1	53,500	58,400*	46,100	55,400*	38,800	49,600	31,500	42,200	70
75	68.6	185.1	47,900	54,200*	41,200	50,600*	34,400	44,400	27,700	37,600	75
80	67.0	183.0	43,200	49,800*	37,000	46,300	30,700	39,900	24,400	33,600	80
85	65.3	180.7	39,200	45,900*	33,300	42,000	27,500	36,100	21,600	30,200	85
90	63.6	178.3	35,600	42,400*	30,100	38,200	24,700	32,700	19,200	27,200	90
95	61.9	175.6	32,500	39,300*	27,300	34,900	22,200	29,700	17,000	24,600	95
100	60.2	172.8	29,700	36,500*	24,800	32,000	20,000	27,100	15,100	22,200	100
105	58.4	169.7	27,200	34,000*	22,600	29,400	18,000	24,700	13,400	20,100	105
110	56.6	166.4	24,900	31,400	20,600	27,000	16,200	22,600	11,900	18,200	110
115	54.8	162.9	22,900	29,100	18,800	24,900	14,600	20,700	10,500	16,500	115
120	52.9	159.2	21,100	26,900	17,100	22,900	13,200	19,000	9,200	15,000	120
125	51.0	155.2	19,400	25,000	15,600	21,200	11,800	17,400	8,000	13,600	125
130	49.0	150.9	17,900	23,200	14,200	19,600	10,600	15,900	7,000	12,300	130
135	46.9	146.2	16,400	21,600	13,000	18,100	9,500	14,600	6,000	11,100	135
140	44.8	141.3	15,100	20,100	11,800	16,700	8,400	13,300	5,100	10,000	140
145	42.6	135.9	13,900	18,700	10,700	15,400	7,500	12,200	4,200	8,900	145
150	40.3	130.1	12,800	17,300	9,700	14,200	6,600	11,100	3,500	8,000	150
155	37.9	123.8	11,700	16,100	8,700	13,100	5,700	10,100	2,700	7,100	155
160	35.3	116.8	10,700	15,000	7,800	12,100	4,900	9,200	2,000	6,200	160
165	32.5	109.2	9,800	13,900	7,000	11,100	4,200	8,300		5,500	165
170	29.5	100.6	8,900	12,900	6,200	10,200	3,500	7,400		4,700	170
175	26.2	90.9	8,100	12,000	5,400	9,300	2,800	6,700		4,000	175
180	22.5	79.5	7,300	11,000	4,700	8,500	2,200	5,900		3,300	180
185	17.9	65.3	6,500	10,200	4,000	7,700		5,200		2,700	185
190	11.8	45.5	5,800	9,100*	3,400	6,900		4,500		2,000	190

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

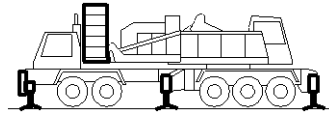
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



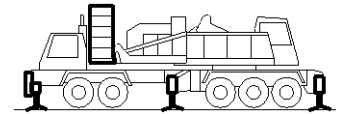
200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 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	
32	82.5	207.1	105,900*	105,900*	105,900*	105,900*	105,900*	105,900*	32
34	81.9	206.8	102,400*	102,400*	102,400*	102,400*	102,400*	102,400*	34
36	81.3	206.4	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	36
38	80.8	206.1	95,800*	95,800*	95,800*	95,800*	95,800*	95,800*	38
40	80.2	205.7	92,700*	92,700*	92,700*	92,700*	92,700*	92,700*	40
45	78.7	204.7	85,400*	85,400*	85,400*	85,400*	79,800	85,400*	45
50	77.2	203.6	78,600*	78,600*	78,400	78,600*	67,200	78,600*	50
55	75.8	202.4	72,200*	72,200*	67,400	72,200*	57,600	69,900*	55
60	74.3	201.0	66,300*	66,300*	58,700	66,300*	49,900	62,600*	60
65	72.8	199.4	59,700	61,100*	51,700	60,600*	43,600	55,500	65
70	71.3	197.7	53,100	56,300*	45,800	55,000*	38,500	49,300	70
75	69.7	195.9	47,600	52,100*	40,800	50,200*	34,100	44,100	75
80	68.2	193.9	42,900	48,200*	36,600	45,900	30,300	39,600	80
85	66.6	191.7	38,800	44,600*	32,900	41,600	27,100	35,700	85
90	65.1	189.4	35,200	41,300*	29,700	37,800	24,300	32,300	90
95	63.5	186.9	32,100	38,200*	26,900	34,500	21,800	29,300	95
100	61.8	184.3	29,300	35,400*	24,400	31,600	19,600	26,700	100
105	60.2	181.4	26,800	32,800*	22,200	29,000	17,600	24,300	105
110	58.5	178.4	24,500	30,400*	20,200	26,600	15,800	22,200	110
115	56.8	175.1	22,500	28,100*	18,400	24,500	14,200	20,300	115
120	55.1	171.7	20,700	26,000*	16,700	22,500	12,700	18,600	120
125	53.3	168.0	19,000	24,000*	15,200	20,800	11,400	17,000	125
130	51.5	164.0	17,400	22,100*	13,800	19,100	10,200	15,500	130
135	49.6	159.8	16,000	20,300*	12,500	17,700	9,100	14,200	135
140	47.7	155.3	14,700	18,700*	11,400	16,300	8,000	12,900	140
145	45.7	150.4	13,500	17,100*	10,300	15,000	7,000	11,800	145
150	43.6	145.3	12,400	15,600*	9,200	13,800	6,100	10,700	150
155	41.5	139.7	11,300	14,200*	8,300	12,700	5,300	9,700	155
160	39.2	133.6	10,300	12,900*	7,400	11,700	4,500	8,700	160
165	36.8	127.1	9,400	11,600*	6,600	10,700	3,800	7,900	165
170	34.3	119.9	8,500	10,400*	5,800	9,800	3,100	7,000	170
175	31.7	112.0	7,700	9,300*	5,100	8,900	2,400	6,300	175
180	28.8	103.2	6,900	8,200*	4,400	8,100		5,500	180
185	25.5	93.1	6,200	7,200*	3,700	7,200*		4,800	185
190	21.9	81.4	5,400	6,200*	3,000	6,200*		4,100	190
195	17.5	66.8	4,800	5,300*	2,400	5,300*		3,500	195
200	11.4	46.4	4,100	4,400*		4,400*		2,900	200

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



210 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 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	
34	82.3	216.9	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*	36
38	81.2	216.2	100,400*	100,400*	100,400*	100,400*	100,400*	100,400*	38
40	80.7	215.9	97,700*	97,700*	97,700*	97,700*	96,500	97,700*	40
45	79.3	215.0	87,500*	87,500*	87,500*	87,500*	79,600	87,500*	45
50	77.9	213.9	78,700*	78,700*	78,100	78,700*	67,000	78,300*	50
55	76.5	212.7	71,500*	71,500*	67,200	71,500*	57,300	69,500*	55
60	75.1	211.4	65,500*	65,500*	58,500	65,500*	49,700	62,200*	60
65	73.6	209.9	59,400	60,400*	51,400	60,200*	43,400	55,300	65
70	72.2	208.3	52,900	56,000*	45,500	54,700*	38,200	49,000	70
75	70.8	206.6	47,300	52,000*	40,600	49,800*	33,800	43,800	75
80	69.3	204.7	42,600	48,500*	36,400	45,600*	30,100	39,300	80
85	67.8	202.6	38,500	45,100*	32,700	41,300	26,900	35,500	85
90	66.3	200.5	35,000	41,600*	29,500	37,600	24,000	32,100	90
95	64.8	198.1	31,800	38,500*	26,700	34,300	21,500	29,100	95
100	63.3	195.6	29,000	35,700*	24,200	31,300	19,300	26,500	100
105	61.8	192.9	26,500	33,200*	21,900	28,700	17,300	24,100	105
110	60.2	190.1	24,300	30,700	19,900	26,400	15,600	22,000	110
115	58.6	187.1	22,300	28,400	18,100	24,200	14,000	20,000	115
120	57.0	183.8	20,400	26,300	16,500	22,300	12,500	18,300	120
125	55.3	180.4	18,700	24,300	14,900	20,500	11,200	16,700	125
130	53.6	176.7	17,200	22,500	13,600	18,900	9,900	15,200	130
135	51.9	172.8	15,800	20,900	12,300	17,400	8,800	13,900	135
140	50.1	168.7	14,500	19,400	11,100	16,000	7,800	12,700	140
145	48.3	164.3	13,200	18,000	10,000	14,800	6,800	11,500	145
150	46.4	159.6	12,100	16,700	9,000	13,600	5,900	10,400	150
155	44.5	154.5	11,100	15,500	8,100	12,500	5,100	9,400	155
160	42.5	149.1	10,100	14,300	7,200	11,400	4,300	8,500	160
165	40.4	143.3	9,200	13,300	6,400	10,500	3,600	7,600	165
170	38.2	137.1	8,300	12,300	5,600	9,600	2,900	6,800	170
175	35.9	130.3	7,500	11,300	4,800	8,700	2,200	6,100	175
180	33.5	122.9	6,700	10,500	4,100	7,900		5,300	180
185	30.9	114.7	6,000	9,600	3,500	7,100		4,600	185
190	28.0	105.6	5,300	8,800	2,900	6,400		4,000	190
195	24.9	95.3	4,600	8,100	2,300	5,700		3,300	195
200	21.3	83.2	4,000	7,300		5,000		2,700	200
205	17.0	68.3	3,300	6,600		4,400		2,100	205
210	11.2	47.3	2,700	5,200*		3,700			210

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

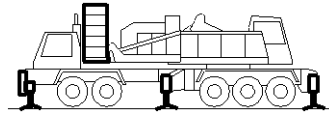
0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



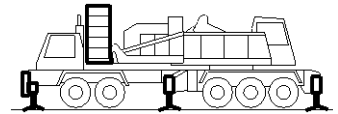
220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
36	82.1	226.7	107,600*	107,600*	107,600*	107,600*	36
38	81.6	226.4	101,700*	101,700*	101,700*	101,700*	38
40	81.1	226.0	96,400*	96,400*	96,400*	96,400*	40
45	79.8	225.1	85,300*	85,300*	85,300*	85,300*	45
50	78.4	224.1	76,600*	76,600*	76,600*	76,600*	50
55	77.1	223.0	69,400*	69,400*	67,100	69,400*	55
60	75.7	221.7	63,500*	63,500*	58,400	63,500*	60
65	74.4	220.3	58,500*	58,500*	51,300	58,500*	65
70	73.0	218.8	52,700	54,200*	45,400	54,200*	70
75	71.7	217.2	47,200	50,400*	40,400	49,700*	75
80	70.3	215.4	42,500	47,000*	36,200	45,500*	80
85	68.9	213.4	38,400	44,100*	32,500	41,200	85
90	67.5	211.4	34,800	41,400*	29,300	37,400	90
95	66.1	209.2	31,700	38,400*	26,500	34,100	95
100	64.6	206.8	28,900	35,600*	24,000	31,200	100
105	63.2	204.3	26,400	33,000*	21,800	28,600	105
110	61.7	201.6	24,100	30,600	19,800	26,200	110
115	60.2	198.8	22,100	28,200	18,000	24,100	115
120	58.7	195.7	20,300	26,100	16,300	22,100	120
125	57.1	192.5	18,600	24,200	14,800	20,400	125
130	55.5	189.1	17,000	22,400	13,400	18,700	130
135	53.9	185.5	15,600	20,800	12,100	17,200	135
140	52.3	181.6	14,300	19,200	11,000	15,900	140
145	50.6	177.6	13,100	17,800	9,900	14,600	145
150	48.9	173.2	12,000	16,500	8,900	13,400	150
155	47.1	168.6	10,900	15,300	7,900	12,300	155
160	45.3	163.7	9,900	14,200	7,000	11,300	160
165	43.4	158.5	9,000	13,100	6,200	10,300	165
170	41.4	152.9	8,100	12,100	5,400	9,400	170
175	39.4	146.9	7,300	11,200	4,700	8,600	175
180	37.3	140.4	6,600	10,300	4,000	7,700	180
185	35.0	133.4	5,800	9,500	3,400	7,000	185
190	32.7	125.8	5,100	8,700	2,700	6,300	190
195	30.1	117.4	4,500	7,900	2,100	5,600	195
200	27.4	108.0	3,900	7,200		4,900	200
205	24.3	97.4	3,300	6,500		4,300	205
210	20.8	85.0	2,700	5,900		3,700	210
215	16.6	69.7	2,100	5,200		3,100	215
220	10.9	48.2		3,700*		2,500	220

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight Adapter
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



230 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
38	82.0	236.5	94,800*	94,800*	94,800*	94,800*	38
40	81.5	236.2	92,600*	92,600*	92,600*	92,600*	40
45	80.2	235.3	83,300*	83,300*	83,300*	83,300*	45
50	78.9	234.3	74,700*	74,700*	74,700*	74,700*	50
55	77.7	233.3	67,600*	67,600*	66,800	67,600*	55
60	76.4	232.0	61,800*	61,800*	58,100	61,800*	60
65	75.1	230.7	56,800*	56,800*	51,000	56,800*	65
70	73.8	229.3	52,400	52,500*	45,100	52,500*	70
75	72.5	227.7	46,800	48,800*	40,100	48,800*	75
80	71.2	226.0	42,100	45,500*	35,800	45,000*	80
85	69.8	224.2	38,000	42,600*	32,200	40,800	85
90	68.5	222.2	34,400	40,000*	29,000	37,000	90
95	67.2	220.1	31,300	37,500*	26,100	33,700	95
100	65.8	217.9	28,500	35,100*	23,600	30,800	100
105	64.4	215.5	26,000	32,600*	21,400	28,200	105
110	63.0	213.0	23,700	30,200	19,400	25,800	110
115	61.6	210.3	21,700	27,800	17,500	23,700	115
120	60.2	207.4	19,800	25,700	15,900	21,700	120
125	58.7	204.4	18,200	23,800	14,400	19,900	125
130	57.2	201.2	16,600	22,000	13,000	18,300	130
135	55.7	197.8	15,200	20,300	11,700	16,800	135
140	54.2	194.2	13,900	18,800	10,500	15,400	140
145	52.6	190.4	12,700	17,400	9,400	14,200	145
150	51.0	186.4	11,500	16,100	8,400	13,000	150
155	49.4	182.2	10,500	14,900	7,500	11,900	155
160	47.7	177.6	9,500	13,800	6,600	10,800	160
165	46.0	172.9	8,600	12,700	5,800	9,900	165
170	44.2	167.8	7,700	11,700	5,000	9,000	170
175	42.4	162.4	6,900	10,800	4,300	8,100	175
180	40.5	156.6	6,100	9,900	3,600	7,300	180
185	38.5	150.4	5,400	9,000	2,900	6,600	185
190	36.4	143.7	4,700	8,300*	2,300	5,800	190
195	34.2	136.5	4,100	7,300*		5,200	195
200	31.9	128.6	3,400	6,400*		4,500	200
205	29.4	120.0	2,800	5,500*		3,900	205
210	26.7	110.4	2,300	4,700*		3,300	210
215	23.7	99.5		3,800*		2,700	215
220	20.3	86.8		3,100*		2,200	220
225	16.2	71.1		2,300*			225

Liftcrane Boom Capacities

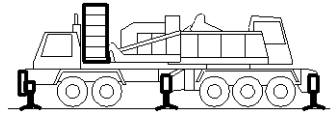
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 8,000 Lb. Front Bumper Counterweight Adapter

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. 8,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
40	81.8	246.3	83,800*	83,800*
45	80.6	245.5	78,600*	78,600*
50	79.4	244.5	73,000*	73,000*
55	78.2	243.5	66,000*	66,000*
60	77.0	242.4	60,200*	60,200*
65	75.7	241.1	55,200*	55,200*
70	74.5	239.7	51,000*	51,000*
75	73.2	238.2	46,500	47,300*
80	72.0	236.6	41,700	44,000*
85	70.7	234.8	37,600	41,200*
90	69.5	233.0	34,100	38,600*
95	68.2	231.0	30,900	36,200*
100	66.9	228.8	28,100	34,000*
105	65.6	226.6	25,600	31,600*
110	64.2	224.2	23,300	29,100*
115	62.9	221.6	21,300	26,800*
120	61.5	218.9	19,400	24,700*
125	60.2	216.1	17,800	22,700*
130	58.8	213.1	16,200	20,900*
135	57.4	209.9	14,800	19,100*
140	55.9	206.5	13,500	17,500*
145	54.5	202.9	12,200	16,000*
150	53.0	199.2	11,100	14,500*
155	51.4	195.2	10,100	13,200*
160	49.9	191.1	9,100	11,900*
165	48.3	186.6	8,200	10,600*
170	46.7	182.0	7,300	9,500*
175	45.0	177.0	6,500	8,300*
180	43.2	171.7	5,700	7,300*
185	41.4	166.1	5,000	6,300*
190	39.6	160.2	4,300	5,300*
195	37.6	153.8	3,700	4,400*
200	35.6	146.9	3,000	3,500*
205	33.5	139.5	2,400	2,600*