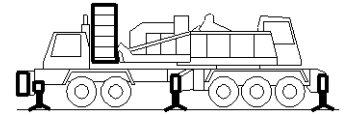


Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



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

298 Ft. boom requires only one sheave in boom point. All other sheaves must be removed from boom point.

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. 192093**, Wire Rope Specification chart **No. 8104-A** and Operating Range Diagram chart **No. 7974-A**. Crane operator judgment must be used to allow for

dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel with outrigger jacks retracted on a firm, level and uniformly supporting surface with boom within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8102-A**.

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

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

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

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

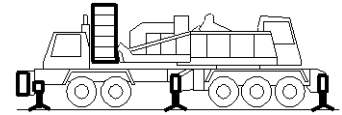
Auxiliary Drum Deduct
Deduct 1,700 Lbs. from capacities when boom butt is equipped with auxiliary drum.

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
(a) 298 Ft.	—	248 Ft.	—
(a) 288 Ft.	—	238 Ft.	—
278 Ft.	—	228 Ft.	30 Ft.
(b) 268 Ft.	30 Ft.	218 Ft.	60 Ft.
258 Ft.	30 Ft.	208 Ft.	80 Ft.
248 Ft.	60 Ft.		
238 Ft.	80 Ft.		
Load block, hook and weight ball on ground at start. (a) Auxiliary drum cannot be used. (b) Auxiliary drum cannot be used and one load line only run up boom to jib (boom point operation not allowed).			

Maximum Boom Lengths Lifted Unassisted On Outriggers	
Over Rear of Outriggers	Over Side of Fully Extended Outriggers
Boom Length	Boom Length
78,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
278 Ft.	238 Ft.
61,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
258 Ft.	218 Ft.
44,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
248 Ft.	198 Ft.
27,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
238 Ft.	178 Ft.
10,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
208 Ft.	158 Ft.
0 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
198 Ft.	148 Ft.
Load block, hook and weight ball on ground at start.	

Liftcrane Boom Capacities

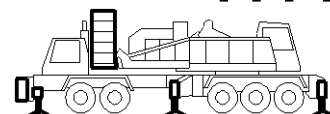
Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



Maximum Boom Lengths Lifted Unassisted On Rubber	
Over Rear	Over Side
Boom Length	Boom Length
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
Not Allowed	
78,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
Not Allowed	
61,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
Not Allowed	
44,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
158 Ft.	Not Allowed
27,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
148 Ft.	Not Allowed
10,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
Not Allowed	
0 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.	
Not Allowed	
Load block, hook and weight ball on ground at start.	

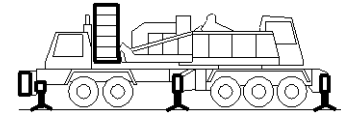
Consult jib chart for jib capacities.

Refer to chart **No. 8083-A** or **-B** (0 or 25,000 Lb. front bumper counterweight [FBC]) for fully extended outrigger boom capacities and chart **No. 8098-A** or **-B** (0 or 25,000 Lb. FBC) for straight over rear on rubber boom capacities.

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



138 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	81.5	145.6	146,200*	146,200*	146,200*	146,200*	146,200*	146,200*	146,200*	146,200*	24
26	80.6	145.2	140,700*	140,700*	140,700*	140,700*	140,700*	140,700*	140,700*	140,700*	26
28	79.8	144.9	135,500*	135,500*	135,500*	135,500*	135,500*	135,500*	135,500*	135,500*	28
30	78.9	144.5	130,600*	130,600*	130,600*	130,600*	130,600*	130,600*	130,600*	130,600*	30
32	78.1	144.1	125,900*	125,900*	125,900*	125,900*	125,900*	125,900*	125,900*	125,900*	32
34	77.2	143.7	121,500*	121,500*	121,500*	121,500*	121,500*	121,500*	116,000	120,500*	34
36	76.4	143.2	117,300*	117,300*	117,300*	117,300*	117,300*	117,300*	105,700	112,900*	36
38	75.5	142.7	113,300*	113,300*	113,300*	113,300*	113,000	113,300*	96,900	106,200*	38
40	74.7	142.2	109,500*	109,500*	109,500*	109,500*	104,300	107,100*	89,300	100,200*	40
45	72.5	140.7	100,800*	100,800*	99,700*	99,700*	87,100	93,600*	74,300	87,500*	45
50	70.3	139.0	93,000*	93,000*	85,400	88,300*	74,300	82,900*	63,200	77,400*	50
55	68.1	137.1	84,100*	84,100*	74,300	79,100*	64,500	74,100*	54,600	69,100*	55
60	65.8	135.0	74,300	76,000*	65,500	71,400*	56,700	66,900*	47,800	62,300*	60
65	63.5	132.6	66,300	69,200*	58,300	65,000*	50,300	60,800*	42,300	56,600*	65
70	61.2	130.0	59,600	63,300*	52,300	59,400*	45,000	55,500*	37,700	51,600*	70
75	58.8	127.1	54,000	58,300*	47,300	54,600*	40,500	51,000*	33,800	47,400*	75
80	56.3	123.9	49,200	53,900*	43,000	50,500*	36,700	47,100*	30,400	43,700*	80
85	53.8	120.4	45,100	50,000*	39,200	46,800*	33,400	43,600*	27,600	40,400*	85
90	51.2	116.6	41,400	46,500*	36,000	43,500*	30,500	40,500*	25,000	37,500*	90
95	48.5	112.4	38,200	43,400*	33,100	40,600*	28,000	37,700*	22,800	34,900*	95
100	45.6	107.7	35,400	40,600*	30,600	37,900*	25,700	35,200*	20,800	32,500*	100
105	42.6	102.6	32,900	38,100*	28,300	35,600*	23,700	33,000*	19,100	30,400*	105
110	39.5	96.8	30,600	35,800*	26,200	33,400*	21,800	30,900*	17,500	28,400	110
115	36.1	90.4	28,500	33,700*	24,300	31,400*	20,200	29,000*	16,000	26,300	115
120	32.4	83.1	26,600	31,800*	22,600	29,600*	18,700	27,300*	14,700	24,500	120
125	28.3	74.5	24,900	30,000*	21,100	27,900*	17,300	25,700*	13,500	22,700	125
130	23.6	64.2	23,200	28,400*	19,600	26,300*	16,000	24,200*	12,400	21,200	130
135	17.7	50.9	21,700	26,800*	18,300	24,800*	14,800	22,800*	11,300	19,700	135

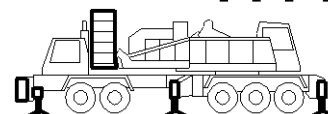
Liftcrane Boom Capacities

Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


138 Ft. Boom



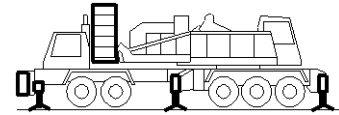
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	81.5	145.6	146,200*	146,200*	146,200*	146,200*	128,100	146,200*	24
26	80.6	145.2	140,700*	140,700*	126,900	140,700*	109,000	134,700*	26
28	79.8	144.9	135,500*	135,500*	110,300	129,900*	94,600	123,900*	28
30	78.9	144.5	120,300	129,500*	97,200	120,100*	83,200	114,500*	30
32	78.1	144.1	107,500	120,300*	86,700	111,600*	74,000	106,300*	32
34	77.2	143.7	97,000	112,300*	78,100	104,100*	66,500	99,200*	34
36	76.4	143.2	88,200	105,200*	70,800	97,500*	60,200	92,800*	36
38	75.5	142.7	80,700	98,900*	64,600	91,600*	54,800	87,200*	38
40	74.7	142.2	74,300	93,200*	59,300	86,300*	50,200	82,100*	40
45	72.5	140.7	61,500	81,300*	48,800	75,200*	41,000	71,500*	45
50	70.3	139.0	52,100	71,900*	41,000	66,400*	34,200	61,500	50
55	68.1	137.1	44,800	64,200*	34,900	59,200*	28,900	52,000	55
60	65.8	135.0	39,000	57,800*	30,100	51,700	24,800	44,700	60
65	63.5	132.6	34,200	52,400*	26,200	45,200	21,400	38,900	65
70	61.2	130.0	30,300	47,800*	23,000	39,900	18,500	34,200	70
75	58.8	127.1	27,000	43,800*	20,300	35,500	16,100	30,300	75
80	56.3	123.9	24,200	39,700	17,900	31,800	14,100	27,000	80
85	53.8	120.4	21,700	35,900	15,900	28,600	12,300	24,100	85
90	51.2	116.6	19,600	32,600	14,100	25,800	10,800	21,700	90
95	48.5	112.4	17,700	29,800	12,500	23,400	9,400	19,500	95
100	45.6	107.7	16,000	27,300	11,100	21,300	8,200	17,600	100
105	42.6	102.6	14,500	25,100	9,900	19,400	7,100	15,900	105
110	39.5	96.8	13,100	23,100	8,800	17,700	6,100	14,400	110
115	36.1	90.4	11,900	21,300	7,700	16,200	5,200	13,100	115
120	32.4	83.1	10,800	19,600	6,800	14,800	4,400	11,800	120
125	28.3	74.5	9,700	18,100	5,900	13,500	3,600	10,700	125
130	23.6	64.2	8,700	16,700	5,100	12,300	2,900	9,600	130
135	17.7	50.9	7,800	15,500	4,400	11,200	2,200	8,600	135

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



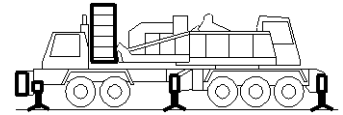
148 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.0	155.7	141,600*	141,600*	141,600*	141,600*	141,600*	141,600*	141,600*	141,600*	24
26	81.3	155.4	136,200*	136,200*	136,200*	136,200*	136,200*	136,200*	136,200*	136,200*	26
28	80.5	155.0	131,100*	131,100*	131,100*	131,100*	131,100*	131,100*	131,100*	131,100*	28
30	79.7	154.7	126,300*	126,300*	126,300*	126,300*	126,300*	126,300*	126,300*	126,300*	30
32	78.9	154.3	121,700*	121,700*	121,700*	121,700*	121,700*	121,700*	121,700*	121,700*	32
34	78.1	153.9	117,400*	117,400*	117,400*	117,400*	117,400*	117,400*	116,000	117,400*	34
36	77.3	153.5	113,200*	113,200*	113,200*	113,200*	113,200*	113,200*	105,600	112,600*	36
38	76.5	153.0	109,300*	109,300*	109,300*	109,300*	109,300*	109,300*	96,800	105,800*	38
40	75.7	152.5	105,500*	105,500*	105,500*	105,500*	104,200	105,500*	89,200	99,800*	40
45	73.7	151.1	97,000*	97,000*	97,000*	97,000*	87,000	93,200*	74,200	87,100*	45
50	71.7	149.6	89,400*	89,400*	85,300	88,000*	74,200	82,500*	63,000	77,000*	50
55	69.6	147.8	82,600*	82,600*	74,100	78,700*	64,300	73,700*	54,400	68,800*	55
60	67.6	145.9	74,100	75,600*	65,300	71,000*	56,400	66,500*	47,600	61,900*	60
65	65.4	143.7	66,100	68,800*	58,100	64,600*	50,000	60,400*	42,000	56,200*	65
70	63.3	141.3	59,400	62,900*	52,100	59,000*	44,700	55,200*	37,400	51,300*	70
75	61.1	138.7	53,800	57,900*	47,000	54,300*	40,300	50,600*	33,500	47,000*	75
80	58.9	135.8	49,000	53,500*	42,700	50,100*	36,400	46,700*	30,200	43,300*	80
85	56.6	132.6	44,800	49,600*	39,000	46,400*	33,100	43,200*	27,300	40,000*	85
90	54.2	129.2	41,200	46,100*	35,700	43,100*	30,200	40,100*	24,800	37,100*	90
95	51.8	125.4	38,000	43,100*	32,800	40,200*	27,700	37,300*	22,500	34,500*	95
100	49.3	121.3	35,100	40,300*	30,300	37,600*	25,400	34,900*	20,600	32,100*	100
105	46.7	116.8	32,600	37,800*	28,000	35,200*	23,400	32,600*	18,800	30,000*	105
110	44.0	111.9	30,300	35,500*	25,900	33,000*	21,600	30,600*	17,200	28,100*	110
115	41.1	106.4	28,200	33,400*	24,000	31,000*	19,900	28,700*	15,800	26,100	115
120	38.1	100.4	26,300	31,500*	22,400	29,200*	18,400	27,000*	14,400	24,200	120
125	34.8	93.6	24,600	29,700*	20,800	27,600*	17,000	25,400*	13,200	22,500	125
130	31.3	85.9	23,000	28,100*	19,400	26,000*	15,700	23,900*	12,100	20,900	130
135	27.3	77.0	21,500	26,600*	18,000	24,600*	14,600	22,600*	11,100	19,500	135
140	22.7	66.3	20,200	25,100*	16,800	23,200*	13,500	21,300*	10,100	18,200	140
145	17.0	52.5	18,900	23,700*	15,600	21,900*	12,400	20,100*	9,200	16,900	145

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



148 Ft. Boom

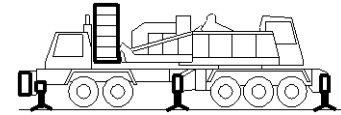


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.0	155.7	141,600*	141,600*	141,600*	141,600*	128,400	141,600*	24
26	81.3	155.4	136,200*	136,200*	127,100	136,200*	109,300	134,400*	26
28	80.5	155.0	131,100*	131,100*	110,500	129,600*	94,700	123,500*	28
30	79.7	154.7	120,400	126,300*	97,300	119,800*	83,300	114,100*	30
32	78.9	154.3	107,600	120,000*	86,800	111,300*	74,100	106,000*	32
34	78.1	153.9	97,000	111,900*	78,100	103,800*	66,500	98,800*	34
36	77.3	153.5	88,200	104,900*	70,800	97,200*	60,100	92,500*	36
38	76.5	153.0	80,700	98,500*	64,500	91,300*	54,700	86,800*	38
40	75.7	152.5	74,200	92,900*	59,200	86,000*	50,100	81,800*	40
45	73.7	151.1	61,400	81,000*	48,600	74,800*	40,800	71,100*	45
50	71.7	149.6	51,900	71,500*	40,800	66,000*	34,000	61,500	50
55	69.6	147.8	44,600	63,800*	34,700	58,800*	28,700	52,000	55
60	67.6	145.9	38,800	57,400*	29,900	51,600	24,500	44,600	60
65	65.4	143.7	34,000	52,000*	26,000	45,100	21,100	38,800	65
70	63.3	141.3	30,100	47,400*	22,700	39,700	18,300	34,000	70
75	61.1	138.7	26,700	43,400*	20,000	35,300	15,900	30,100	75
80	58.9	135.8	23,900	39,500	17,600	31,600	13,800	26,800	80
85	56.6	132.6	21,400	35,700	15,600	28,400	12,000	23,900	85
90	54.2	129.2	19,300	32,400	13,800	25,600	10,500	21,500	90
95	51.8	125.4	17,400	29,600	12,300	23,200	9,100	19,300	95
100	49.3	121.3	15,700	27,100	10,900	21,100	7,900	17,400	100
105	46.7	116.8	14,200	24,800	9,600	19,200	6,800	15,700	105
110	44.0	111.9	12,800	22,800	8,500	17,500	5,800	14,200	110
115	41.1	106.4	11,600	21,000	7,500	15,900	4,900	12,800	115
120	38.1	100.4	10,500	19,400	6,500	14,500	4,100	11,600	120
125	34.8	93.6	9,400	17,900	5,700	13,300	3,400	10,500	125
130	31.3	85.9	8,500	16,500	4,900	12,100	2,700	9,400	130
135	27.3	77.0	7,600	15,300	4,100	11,000	2,000	8,500	135
140	22.7	66.3	6,800	14,100	3,400	10,000		7,600	140
145	17.0	52.5	6,000	13,000	2,800	9,100		6,700	145

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



158 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	81.8	165.5	131,800*	131,800*	131,800*	131,800*	131,800*	131,800*	131,800*	131,800*	26
28	81.1	165.2	126,800*	126,800*	126,800*	126,800*	126,800*	126,800*	126,800*	126,800*	28
30	80.3	164.8	122,100*	122,100*	122,100*	122,100*	122,100*	122,100*	122,100*	122,100*	30
32	79.6	164.5	117,700*	117,700*	117,700*	117,700*	117,700*	117,700*	117,700*	117,700*	32
34	78.9	164.1	113,400*	113,400*	113,400*	113,400*	113,400*	113,400*	113,400*	113,400*	34
36	78.1	163.7	109,400*	109,400*	109,400*	109,400*	109,400*	109,400*	105,500	109,400*	36
38	77.4	163.3	105,500*	105,500*	105,500*	105,500*	105,500*	105,500*	96,700	105,400*	38
40	76.6	162.8	101,900*	101,900*	101,900*	101,900*	101,900*	101,900*	89,100	99,400*	40
45	74.8	161.5	93,400*	93,400*	93,400*	93,400*	86,800	92,800*	74,000	86,700*	45
50	72.9	160.1	86,000*	86,000*	85,100	86,000*	73,900	82,100*	62,800	76,600*	50
55	71.0	158.5	79,300*	79,300*	73,900	78,300*	64,000	73,300*	54,200	68,300*	55
60	69.0	156.6	73,300*	73,300*	65,000	70,600*	56,200	66,100*	47,300	61,500*	60
65	67.1	154.6	65,800	67,800*	57,800	64,200*	49,800	60,000*	41,700	55,800*	65
70	65.1	152.4	59,100	62,500*	51,800	58,600*	44,400	54,700*	37,100	50,800*	70
75	63.1	150.0	53,500	57,500*	46,700	53,800*	40,000	50,200*	33,200	46,600*	75
80	61.0	147.3	48,600	53,100*	42,400	49,700*	36,100	46,300*	29,900	42,900*	80
85	58.9	144.4	44,500	49,200*	38,600	46,000*	32,800	42,800*	27,000	39,600*	85
90	56.8	141.3	40,800	45,700*	35,400	42,700*	29,900	39,700*	24,400	36,700*	90
95	54.6	137.9	37,600	42,600*	32,500	39,800*	27,300	36,900*	22,200	34,100*	95
100	52.4	134.2	34,800	39,900*	29,900	37,200*	25,100	34,500*	20,200	31,700*	100
105	50.0	130.2	32,200	37,400*	27,600	34,800*	23,000	32,200*	18,500	29,600*	105
110	47.6	125.8	29,900	35,100*	25,600	32,600*	21,200	30,200*	16,900	27,700*	110
115	45.1	121.0	27,900	33,000*	23,700	30,600*	19,600	28,300*	15,400	25,800	115
120	42.5	115.8	26,000	30,900*	22,000	28,800*	18,100	26,600*	14,100	23,900	120
125	39.7	110.1	24,300	28,800*	20,500	27,200*	16,700	25,000*	12,900	22,200	125
130	36.8	103.7	22,700	26,900*	19,000	25,600*	15,400	23,500*	11,800	20,700	130
135	33.7	96.7	21,200	25,100*	17,700	24,200*	14,200	22,200*	10,800	19,200	135
140	30.2	88.7	19,900	23,400*	16,500	22,900*	13,200	20,900*	9,800	17,900	140
145	26.4	79.4	18,600	21,800*	15,400	21,600*	12,200	19,700*	8,900	16,700	145
150	22.0	68.3	17,400	20,200*	14,300	20,200*	11,200	18,600*	8,100	15,500	150
155	16.5	53.9	16,300	18,800*	13,300	18,800*	10,300	17,600*	7,300	14,400	155

Liftcrane Boom Capacities

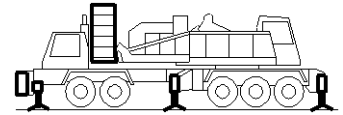
Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



158 Ft. Boom



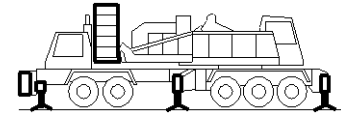
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	81.8	165.5	131,800*	131,800*	127,300	131,800*	109,500	131,800*	26
28	81.1	165.2	126,800*	126,800*	110,600	126,800*	94,800	123,100*	28
30	80.3	164.8	120,400	122,100*	97,400	119,400*	83,400	113,700*	30
32	79.6	164.5	107,600	117,700*	86,800	110,900*	74,100	105,600*	32
34	78.9	164.1	97,000	111,500*	78,000	103,400*	66,500	98,400*	34
36	78.1	163.7	88,100	104,400*	70,700	96,700*	60,100	92,100*	36
38	77.4	163.3	80,600	98,100*	64,400	90,800*	54,600	86,400*	38
40	76.6	162.8	74,100	92,500*	59,100	85,600*	49,900	81,400*	40
45	74.8	161.5	61,200	80,500*	48,500	74,400*	40,700	70,700*	45
50	72.9	160.1	51,700	71,100*	40,600	65,600*	33,800	61,400	50
55	71.0	158.5	44,300	63,400*	34,500	58,400*	28,500	51,900	55
60	69.0	156.6	38,500	57,000*	29,700	51,500	24,300	44,500	60
65	67.1	154.6	33,700	51,600*	25,700	44,900	20,800	38,600	65
70	65.1	152.4	29,800	47,000*	22,400	39,500	18,000	33,800	70
75	63.1	150.0	26,400	43,000*	19,700	35,100	15,600	29,900	75
80	61.0	147.3	23,600	39,200	17,300	31,300	13,500	26,500	80
85	58.9	144.4	21,100	35,400	15,300	28,100	11,700	23,700	85
90	56.8	141.3	19,000	32,200	13,500	25,400	10,200	21,200	90
95	54.6	137.9	17,100	29,300	11,900	22,900	8,800	19,000	95
100	52.4	134.2	15,400	26,800	10,500	20,800	7,600	17,100	100
105	50.0	130.2	13,900	24,500	9,300	18,900	6,500	15,400	105
110	47.6	125.8	12,500	22,500	8,100	17,200	5,500	13,900	110
115	45.1	121.0	11,300	20,700	7,100	15,700	4,600	12,500	115
120	42.5	115.8	10,100	19,100	6,200	14,300	3,800	11,300	120
125	39.7	110.1	9,100	17,600	5,300	13,000	3,000	10,200	125
130	36.8	103.7	8,200	16,300	4,500	11,800	2,300	9,100	130
135	33.7	96.7	7,300	15,000	3,800	10,800		8,200	135
140	30.2	88.7	6,500	13,800	3,100	9,800		7,300	140
145	26.4	79.4	5,700	12,800	2,500	8,900		6,500	145
150	22.0	68.3	5,000	11,800		8,000		5,700	150
155	16.5	53.9	4,300	10,800		7,200		5,000	155

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



168 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	81.6	175.3	147,300*	147,300*	147,300*	147,300*	147,300*	147,300*	147,300*	147,300*	28
30	80.9	175.0	144,100*	144,100*	144,100*	144,100*	144,100*	144,100*	137,400*	137,400*	30
32	80.2	174.6	141,000*	141,000*	141,000*	141,000*	136,400*	136,400*	127,700*	127,700*	32
34	79.5	174.3	133,900*	133,900*	133,900*	133,900*	127,300*	127,300*	115,800	119,200*	34
36	78.8	173.9	126,400*	126,400*	126,400*	126,400*	119,300*	119,300*	105,400	111,600*	36
38	78.1	173.5	119,800*	119,800*	119,400*	119,400*	112,100*	112,100*	96,500	104,800*	38
40	77.5	173.1	113,900*	113,900*	112,600*	112,600*	103,900	105,700*	88,900	98,800*	40
45	75.7	171.9	101,600*	101,600*	98,300*	98,300*	86,500	92,200*	73,700	86,100*	45
50	73.9	170.5	91,800*	91,800*	84,700	87,000*	73,600	81,500*	62,500	76,000*	50
55	72.1	169.0	82,700*	82,700*	73,500	77,700*	63,700	72,800*	53,800	67,800*	55
60	70.3	167.3	73,400	74,600*	64,600	70,100*	55,800	65,500*	46,900	60,900*	60
65	68.5	165.4	65,400	67,800*	57,400	63,600*	49,300	59,400*	41,300	55,200*	65
70	66.7	163.4	58,700	61,900*	51,300	58,100*	44,000	54,200*	36,700	50,300*	70
75	64.8	161.1	53,000	56,900*	46,300	53,300*	39,500	49,600*	32,700	46,000*	75
80	62.9	158.7	48,200	52,500*	41,900	49,100*	35,700	45,700*	29,400	42,300*	80
85	61.0	156.0	44,000	48,600*	38,200	45,400*	32,300	42,200*	26,500	39,000*	85
90	59.0	153.1	40,400	45,200*	34,900	42,100*	29,400	39,100*	24,000	36,100*	90
95	57.0	150.0	37,100	42,100*	32,000	39,200*	26,900	36,400*	21,700	33,500*	95
100	54.9	146.6	34,300	39,300*	29,400	36,600*	24,600	33,900*	19,700	31,200*	100
105	52.8	143.0	31,700	36,800*	27,100	34,200*	22,600	31,600*	18,000	29,100*	105
110	50.7	139.0	29,400	34,500*	25,100	32,000*	20,700	29,600*	16,400	27,100*	110
115	48.4	134.7	27,400	32,400*	23,200	30,100*	19,100	27,700*	14,900	25,400*	115
120	46.1	130.1	25,500	30,500*	21,500	28,300*	17,600	26,000*	13,600	23,500	120
125	43.7	125.1	23,700	28,800*	20,000	26,600*	16,200	24,400*	12,400	21,800	125
130	41.2	119.6	22,200	27,100*	18,500	25,100*	14,900	23,000*	11,300	20,200	130
135	38.5	113.6	20,700	25,600*	17,200	23,600*	13,700	21,600*	10,300	18,800	135
140	35.7	107.0	19,400	24,200*	16,000	22,300*	12,700	20,400*	9,300	17,500	140
145	32.6	99.6	18,100	22,900*	14,900	21,100*	11,700	19,200*	8,400	16,200	145
150	29.3	91.3	16,900	21,700*	13,800	19,900*	10,700	18,100*	7,600	15,100	150
155	25.6	81.7	15,800	20,600*	12,800	18,800*	9,800	17,100*	6,900	14,000	155
160	21.3	70.2	14,800	19,500*	11,900	17,800*	9,000	16,000*	6,100	13,000	160
165	16.0	55.4	13,800	18,300*	11,000	16,800*	8,200	15,000*	5,400	12,100	165

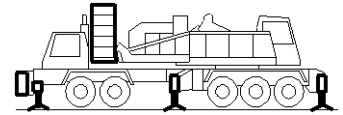
Liftcrane Boom Capacities

Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements

168 Ft. Boom

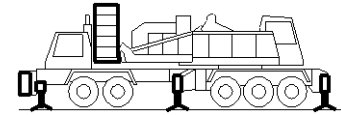

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	81.6	175.3	136,400	138,600*	110,600	128,600*	94,900	122,500*	28
30	80.9	175.0	120,400	128,100*	97,400	118,800*	83,300	113,200*	30
32	80.2	174.6	107,500	119,000*	86,700	110,300*	74,000	105,000*	32
34	79.5	174.3	96,900	111,000*	77,900	102,800*	66,300	97,800*	34
36	78.8	173.9	87,900	103,900*	70,500	96,200*	59,900	91,500*	36
38	78.1	173.5	80,400	97,600*	64,200	90,300*	54,400	85,800*	38
40	77.5	173.1	73,900	91,900*	58,800	85,000*	49,700	80,800*	40
45	75.7	171.9	60,900	80,000*	48,200	73,900*	40,400	70,100*	45
50	73.9	170.5	51,400	70,500*	40,200	65,000*	33,500	61,300	50
55	72.1	169.0	44,000	62,800*	34,100	57,800*	28,100	51,700	55
60	70.3	167.3	38,100	56,400*	29,300	51,200	23,900	44,200	60
65	68.5	165.4	33,300	51,000*	25,300	44,600	20,400	38,300	65
70	66.7	163.4	29,300	46,400*	22,000	39,200	17,500	33,500	70
75	64.8	161.1	26,000	42,400*	19,200	34,800	15,100	29,500	75
80	62.9	158.7	23,100	38,900	16,900	31,000	13,000	26,200	80
85	61.0	156.0	20,700	35,100	14,800	27,700	11,300	23,300	85
90	59.0	153.1	18,500	31,800	13,000	25,000	9,700	20,800	90
95	57.0	150.0	16,600	28,900	11,400	22,500	8,300	18,600	95
100	54.9	146.6	14,900	26,400	10,000	20,400	7,100	16,700	100
105	52.8	143.0	13,400	24,100	8,800	18,500	6,000	15,000	105
110	50.7	139.0	12,000	22,100	7,600	16,700	5,000	13,500	110
115	48.4	134.7	10,800	20,300	6,600	15,200	4,100	12,100	115
120	46.1	130.1	9,600	18,700	5,700	13,800	3,300	10,900	120
125	43.7	125.1	8,600	17,200	4,800	12,500	2,500	9,700	125
130	41.2	119.6	7,700	15,800	4,000	11,400		8,700	130
135	38.5	113.6	6,800	14,500	3,300	10,300		7,700	135
140	35.7	107.0	6,000	13,400	2,600	9,300		6,900	140
145	32.6	99.6	5,200	12,300	2,000	8,400		6,000	145
150	29.3	91.3	4,500	11,300		7,600		5,300	150
155	25.6	81.7	3,900	10,400		6,800		4,600	155
160	21.3	70.2	3,200	9,500		6,000		3,900	160
165	16.0	55.4	2,600	8,700		5,300		3,200	165

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



178 Ft. Boom

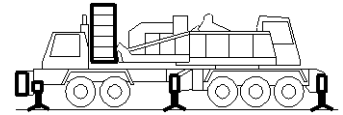


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	81.4	185.1	124,100*	124,100*	124,100*	124,100*	124,100*	124,100*	124,100*	124,100*	30
32	80.8	184.8	120,800*	120,800*	120,800*	120,800*	120,800*	120,800*	120,800*	120,800*	32
34	80.1	184.5	117,600*	117,600*	117,600*	117,600*	117,600*	117,600*	115,800	117,600*	34
36	79.5	184.1	114,500*	114,500*	114,500*	114,500*	114,500*	114,500*	105,300	111,200*	36
38	78.8	183.7	111,400*	111,400*	111,400*	111,400*	111,400*	111,400*	96,400	104,400*	38
40	78.2	183.3	108,500*	108,500*	108,500*	108,500*	103,700	105,300*	88,700	98,400*	40
45	76.5	182.2	99,000*	99,000*	97,900*	97,900*	86,300	91,800*	73,500	85,700*	45
50	74.9	180.9	89,300*	89,300*	84,500	86,500*	73,300	81,000*	62,200	75,600*	50
55	73.2	179.5	81,400*	81,400*	73,200	77,300*	63,400	72,300*	53,500	67,300*	55
60	71.5	177.9	73,100	74,200*	64,300	69,600*	55,500	65,100*	46,600	60,500*	60
65	69.8	176.1	65,000	67,300*	57,000	63,100*	49,000	58,900*	41,000	54,700*	65
70	68.1	174.2	58,300	61,500*	51,000	57,600*	43,700	53,700*	36,300	49,800*	70
75	66.3	172.1	52,700	56,400*	45,900	52,800*	39,200	49,200*	32,400	45,600*	75
80	64.5	169.8	47,800	52,000*	41,600	48,600*	35,300	45,200*	29,000	41,800*	80
85	62.8	167.3	43,600	48,100*	37,800	45,000*	32,000	41,800*	26,100	38,600*	85
90	60.9	164.7	40,000	44,700*	34,500	41,700*	29,000	38,700*	23,600	35,700*	90
95	59.1	161.8	36,800	41,600*	31,600	38,800*	26,500	35,900*	21,300	33,100*	95
100	57.2	158.7	33,900	38,800*	29,000	36,100*	24,200	33,400*	19,300	30,700*	100
105	55.2	155.3	31,300	36,300*	26,700	33,800*	22,200	31,200*	17,600	28,600*	105
110	53.3	151.7	29,000	34,100*	24,700	31,600*	20,300	29,100*	16,000	26,700*	110
115	51.2	147.8	27,000	32,000*	22,800	29,600*	18,700	27,300*	14,500	24,900*	115
120	49.1	143.7	25,100	30,100*	21,100	27,800*	17,200	25,600*	13,200	23,100	120
125	47.0	139.2	23,300	28,300*	19,600	26,200*	15,800	24,000*	12,000	21,400	125
130	44.7	134.3	21,800	26,700*	18,100	24,600*	14,500	22,500*	10,900	19,900	130
135	42.4	129.0	20,300	25,200*	16,800	23,200*	13,300	21,200*	9,900	18,400	135
140	39.9	123.3	19,000	23,800*	15,600	21,900*	12,300	19,900*	8,900	17,100	140
145	37.4	117.1	17,700	22,500*	14,500	20,600*	11,300	18,800*	8,000	15,900	145
150	34.6	110.2	16,500	21,300*	13,400	19,500*	10,300	17,700*	7,200	14,700	150
155	31.7	102.5	15,500	20,100*	12,500	18,400*	9,500	16,600*	6,500	13,700	155
160	28.5	93.9	14,400	19,100*	11,500	17,400*	8,600	15,500*	5,800	12,700	160
165	24.9	83.9	13,500	18,000*	10,700	16,400*	7,900	14,500*	5,100	11,700	165
170	20.7	72.0	12,600	17,100*	9,900	15,500*	7,100	13,600*	4,400	10,900	170
175	15.5	56.7	11,700	15,700*	9,100	14,600*	6,400	12,600*	3,800	10,000	175

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



178 Ft. Boom



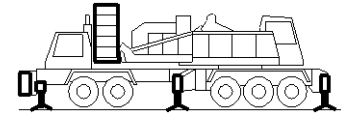
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	81.4	185.1	120,500	124,100*	97,400	118,400*	83,400	112,800*	30
32	80.8	184.8	107,500	118,600*	86,700	109,900*	74,000	104,600*	32
34	80.1	184.5	96,800	110,600*	77,800	102,400*	66,300	97,400*	34
36	79.5	184.1	87,800	103,500*	70,400	95,800*	59,800	91,100*	36
38	78.8	183.7	80,200	97,100*	64,100	89,900*	54,300	85,400*	38
40	78.2	183.3	73,700	91,500*	58,700	84,600*	49,500	80,400*	40
45	76.5	182.2	60,700	79,500*	47,900	73,400*	40,200	69,700*	45
50	74.9	180.9	51,100	70,100*	40,000	64,600*	33,200	61,200	50
55	73.2	179.5	43,700	62,300*	33,800	57,400*	27,800	51,500	55
60	71.5	177.9	37,800	55,900*	28,900	51,000	23,600	44,000	60
65	69.8	176.1	33,000	50,500*	25,000	44,400	20,100	38,100	65
70	68.1	174.2	29,000	45,900*	21,700	39,000	17,200	33,300	70
75	66.3	172.1	25,600	41,900*	18,900	34,500	14,800	29,300	75
80	64.5	169.8	22,800	38,400*	16,500	30,700	12,700	25,900	80
85	62.8	167.3	20,300	34,800	14,400	27,400	10,900	23,000	85
90	60.9	164.7	18,100	31,500	12,600	24,600	9,300	20,500	90
95	59.1	161.8	16,200	28,600	11,100	22,200	7,900	18,300	95
100	57.2	158.7	14,500	26,000	9,600	20,000	6,700	16,400	100
105	55.2	155.3	13,000	23,800	8,400	18,100	5,600	14,700	105
110	53.3	151.7	11,600	21,800	7,200	16,400	4,600	13,100	110
115	51.2	147.8	10,400	19,900	6,200	14,900	3,700	11,700	115
120	49.1	143.7	9,200	18,300	5,300	13,500	2,900	10,500	120
125	47.0	139.2	8,200	16,800	4,400	12,200	2,100	9,400	125
130	44.7	134.3	7,300	15,400	3,600	11,000		8,300	130
135	42.4	129.0	6,400	14,200	2,900	10,000		7,400	135
140	39.9	123.3	5,600	13,000	2,200	9,000		6,500	140
145	37.4	117.1	4,800	12,000		8,100		5,700	145
150	34.6	110.2	4,100	11,000		7,200		4,900	150
155	31.7	102.5	3,500	10,000		6,400		4,200	155
160	28.5	93.9	2,900	9,200		5,700		3,500	160
165	24.9	83.9	2,300	8,400		5,000		2,900	165
170	20.7	72.0		7,600		4,300		2,300	170
175	15.5	56.7		6,800		3,700			175

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



188 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	81.9	195.2	119,500*	119,500*	119,500*	119,500*	119,500*	119,500*	119,500*	119,500*	30
32	81.3	194.9	116,400*	116,400*	116,400*	116,400*	116,400*	116,400*	116,400*	116,400*	32
34	80.7	194.6	113,500*	113,500*	113,500*	113,500*	113,500*	113,500*	113,500*	113,500*	34
36	80.0	194.3	110,600*	110,600*	110,600*	110,600*	110,600*	110,600*	105,100	110,600*	36
38	79.4	193.9	107,800*	107,800*	107,800*	107,800*	107,800*	107,800*	96,100	104,000*	38
40	78.8	193.5	105,100*	105,100*	105,100*	105,100*	103,500	104,900*	88,500	98,000*	40
45	77.2	192.4	96,700*	96,700*	96,700*	96,700*	86,000	91,400*	73,200	85,300*	45
50	75.7	191.2	87,200*	87,200*	84,200	86,100*	73,100	80,600*	61,900	75,200*	50
55	74.1	189.9	79,400*	79,400*	72,900	76,900*	63,100	71,900*	53,200	66,900*	55
60	72.5	188.4	72,800	72,900*	64,000	69,200*	55,200	64,700*	46,300	60,100*	60
65	70.9	186.7	64,700	66,900*	56,700	62,700*	48,700	58,500*	40,700	54,300*	65
70	69.3	184.9	58,000	61,100*	50,700	57,200*	43,300	53,300*	36,000	49,400*	70
75	67.6	183.0	52,300	56,000*	45,600	52,400*	38,800	48,800*	32,100	45,200*	75
80	66.0	180.8	47,500	51,600*	41,200	48,200*	35,000	44,800*	28,700	41,400*	80
85	64.3	178.5	43,300	47,800*	37,500	44,600*	31,600	41,400*	25,800	38,200*	85
90	62.6	176.0	39,600	44,300*	34,200	41,300*	28,700	38,300*	23,200	35,300*	90
95	60.9	173.3	36,400	41,200*	31,300	38,400*	26,100	35,500*	21,000	32,700*	95
100	59.1	170.4	33,500	38,500*	28,700	35,700*	23,800	33,000*	19,000	30,300*	100
105	57.3	167.3	31,000	35,900*	26,400	33,400*	21,800	30,800*	17,200	28,200*	105
110	55.5	164.0	28,700	33,700*	24,300	31,200*	20,000	28,800*	15,600	26,300*	110
115	53.6	160.4	26,600	31,600*	22,500	29,200*	18,300	26,900*	14,200	24,500*	115
120	51.7	156.6	24,700	29,700*	20,800	27,400*	16,800	25,200*	12,800	22,800	120
125	49.7	152.5	23,000	27,900*	19,200	25,800*	15,400	23,600*	11,600	21,100	125
130	47.7	148.2	21,400	26,300*	17,800	24,200*	14,200	22,200*	10,500	19,500	130
135	45.6	143.4	19,900	24,800*	16,500	22,800*	13,000	20,800*	9,500	18,100	135
140	43.4	138.4	18,600	23,400*	15,300	21,500*	11,900	19,600*	8,600	16,800	140
145	41.2	132.9	17,400	22,100*	14,100	20,300*	10,900	18,400*	7,700	15,500	145
150	38.8	126.9	16,200	20,900*	13,100	19,100*	10,000	17,300*	6,900	14,400	150
155	36.3	120.4	15,100	19,800*	12,100	18,000*	9,100	16,200*	6,100	13,300	155
160	33.6	113.3	14,100	18,700*	11,200	17,000*	8,300	15,100*	5,400	12,400	160
165	30.8	105.3	13,100	17,700*	10,300	16,100*	7,600	14,100*	4,800	11,400	165
170	27.7	96.4	12,300	16,800*	9,500	15,100*	6,800	13,100*	4,100	10,600	170
175	24.2	86.1	11,400	15,900*	8,800	14,200*	6,100	12,200*	3,500	9,700	175
180	20.1	73.8	10,600	15,000*	8,000	13,300*	5,500	11,400*	2,900	9,000	180
185	15.1	58.1	9,800	13,400*	7,300	12,400*	4,900	10,500*	2,400	8,200	185

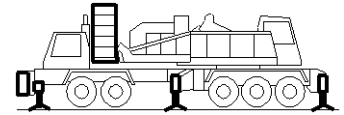
Liftcrane Boom Capacities

Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements

188 Ft. Boom

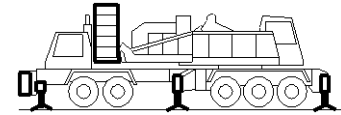

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	81.9	195.2	119,500*	119,500*	97,300	118,000*	83,200	112,400*	30
32	81.3	194.9	107,300	116,400*	86,500	109,500*	73,800	104,200*	32
34	80.7	194.6	96,600	110,200*	77,600	102,000*	66,100	97,000*	34
36	80.0	194.3	87,600	103,100*	70,200	95,400*	59,600	90,700*	36
38	79.4	193.9	80,000	96,700*	63,900	89,400*	54,100	85,000*	38
40	78.8	193.5	73,500	91,100*	58,500	84,100*	49,300	79,900*	40
45	77.2	192.4	60,500	79,100*	47,700	73,000*	39,900	69,300*	45
50	75.7	191.2	50,800	69,700*	39,700	64,200*	32,900	60,800*	50
55	74.1	189.9	43,400	61,900*	33,500	57,000*	27,500	51,300	55
60	72.5	188.4	37,500	55,500*	28,600	50,800	23,300	43,800	60
65	70.9	186.7	32,700	50,100*	24,700	44,100	19,800	37,900	65
70	69.3	184.9	28,700	45,500*	21,300	38,700	16,900	33,000	70
75	67.6	183.0	25,300	41,500*	18,600	34,200	14,400	29,000	75
80	66.0	180.8	22,400	38,000*	16,200	30,400	12,300	25,600	80
85	64.3	178.5	19,900	34,500	14,100	27,100	10,500	22,700	85
90	62.6	176.0	17,800	31,100	12,300	24,300	9,000	20,200	90
95	60.9	173.3	15,800	28,300	10,700	21,900	7,600	18,000	95
100	59.1	170.4	14,100	25,700	9,300	19,700	6,300	16,100	100
105	57.3	167.3	12,600	23,500	8,000	17,800	5,200	14,300	105
110	55.5	164.0	11,300	21,400	6,900	16,100	4,200	12,800	110
115	53.6	160.4	10,000	19,600	5,900	14,500	3,300	11,400	115
120	51.7	156.6	8,900	18,000	4,900	13,100	2,500	10,200	120
125	49.7	152.5	7,900	16,500	4,100	11,900		9,000	125
130	47.7	148.2	6,900	15,100	3,300	10,700		8,000	130
135	45.6	143.4	6,000	13,900	2,600	9,600		7,000	135
140	43.4	138.4	5,200	12,700		8,600		6,200	140
145	41.2	132.9	4,500	11,600		7,700		5,400	145
150	38.8	126.9	3,800	10,600		6,900		4,600	150
155	36.3	120.4	3,100	9,700		6,100		3,900	155
160	33.6	113.3	2,500	8,900		5,400		3,200	160
165	30.8	105.3	2,000	8,100		4,700		2,600	165
170	27.7	96.4		7,300		4,000		2,000	170
175	24.2	86.1		6,600		3,400			175
180	20.1	73.8		5,900		2,800			180
185	15.1	58.1		5,200		2,300			185

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



198 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
32	81.7	205.0	114,500*	114,500*	114,500*	114,500*	114,500*	114,500*	114,500*	114,500*	32
34	81.1	204.7	111,800*	111,800*	111,800*	111,800*	111,800*	111,800*	111,800*	111,800*	34
36	80.6	204.4	109,300*	109,300*	109,300*	109,300*	109,300*	109,300*	105,000	109,300*	36
38	80.0	204.1	106,800*	106,800*	106,800*	106,800*	106,800*	106,800*	96,000	103,900*	38
40	79.4	203.7	104,400*	104,400*	104,400*	104,400*	103,300	104,400*	88,300	97,800*	40
45	77.9	202.7	95,300*	95,300*	95,300*	95,300*	85,900	91,200*	73,100	85,100*	45
50	76.4	201.5	85,800*	85,800*	84,100	85,800*	72,900	80,500*	61,800	75,000*	50
55	74.9	200.3	78,000*	78,000*	72,800	76,700*	63,000	71,800*	53,100	66,800*	55
60	73.4	198.9	71,600*	71,600*	63,900	69,100*	55,000	64,500*	46,200	60,000*	60
65	71.9	197.3	64,600	66,100*	56,600	62,600*	48,600	58,400*	40,600	54,200*	65
70	70.4	195.6	57,900	61,000*	50,500	57,100*	43,200	53,200*	35,900	49,300*	70
75	68.8	193.7	52,200	55,900*	45,400	52,300*	38,700	48,600*	31,900	45,000*	75
80	67.3	191.7	47,400	51,500*	41,100	48,100*	34,800	44,700*	28,600	41,300*	80
85	65.7	189.5	43,200	47,600*	37,300	44,400*	31,500	41,200*	25,600	38,000*	85
90	64.1	187.2	39,500	44,200*	34,000	41,200*	28,600	38,100*	23,100	35,100*	90
95	62.5	184.7	36,300	41,100*	31,100	38,200*	26,000	35,400*	20,900	32,500*	95
100	60.8	182.0	33,400	38,300*	28,600	35,600*	23,700	32,900*	18,900	30,200*	100
105	59.2	179.1	30,900	35,800*	26,300	33,200*	21,700	30,700*	17,100	28,100*	105
110	57.5	176.0	28,600	33,500*	24,200	31,100*	19,800	28,600*	15,500	26,200*	110
115	55.7	172.7	26,500	31,500*	22,300	29,100*	18,200	26,800*	14,000	24,400*	115
120	54.0	169.2	24,600	29,600*	20,600	27,300*	16,700	25,100*	12,700	22,700	120
125	52.1	165.4	22,900	27,800*	19,100	25,700*	15,300	23,500*	11,500	21,000	125
130	50.3	161.4	21,300	26,200*	17,700	24,100*	14,000	22,000*	10,400	19,400	130
135	48.4	157.1	19,800	24,700*	16,400	22,700*	12,900	20,700*	9,400	18,000	135
140	46.4	152.5	18,500	23,300*	15,100	21,400*	11,800	19,500*	8,500	16,700	140
145	44.4	147.6	17,200	22,000*	14,000	20,200*	10,800	18,300*	7,600	15,400	145
150	42.3	142.3	16,100	20,800*	13,000	19,000*	9,900	17,200*	6,800	14,300	150
155	40.1	136.6	15,000	19,700*	12,000	17,900*	9,000	16,000*	6,000	13,300	155
160	37.8	130.4	14,000	18,600*	11,100	16,900*	8,200	15,000*	5,300	12,300	160
165	35.3	123.6	13,100	17,600*	10,300	16,000*	7,500	14,000*	4,700	11,300	165
170	32.8	116.2	12,200	16,700*	9,500	15,000*	6,700	13,000*	4,000	10,500	170
175	30.0	108.0	11,300	15,800*	8,700	14,100*	6,100	12,100*	3,400	9,700	175
180	26.9	98.8	10,500	14,900*	8,000	13,200*	5,400	11,300*	2,900	8,900	180
185	23.6	88.2	9,800	14,100*	7,300	12,300*	4,800	10,500*	2,400	8,200	185
190	19.6	75.6	9,100	13,300*	6,700	11,500*	4,200	9,700*		7,500	190
195	14.7	59.4	8,400	11,600*	6,000	10,700*	3,700	9,000*		6,800	195

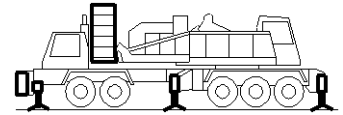
Liftcrane Boom Capacities

Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements

198 Ft. Boom

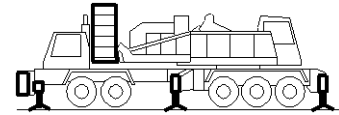

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
32	81.7	205.0	107,200	114,500*	86,400	109,300*	73,700	104,000*	32
34	81.1	204.7	96,500	110,000*	77,500	101,800*	66,000	96,900*	34
36	80.6	204.4	87,500	102,900*	70,100	95,200*	59,500	90,500*	36
38	80.0	204.1	79,900	96,600*	63,800	89,300*	54,000	84,900*	38
40	79.4	203.7	73,300	90,900*	58,300	84,000*	49,200	79,800*	40
45	77.9	202.7	60,300	79,000*	47,600	72,900*	39,800	69,200*	45
50	76.4	201.5	50,700	69,500*	39,600	64,000*	32,800	60,700*	50
55	74.9	200.3	43,300	61,800*	33,400	56,800*	27,400	51,200	55
60	73.4	198.9	37,400	55,400*	28,500	50,700	23,100	43,700	60
65	71.9	197.3	32,500	50,000*	24,500	44,000	19,600	37,700	65
70	70.4	195.6	28,500	45,400*	21,200	38,600	16,700	32,900	70
75	68.8	193.7	25,200	41,400*	18,400	34,100	14,300	28,900	75
80	67.3	191.7	22,300	37,900*	16,000	30,300	12,200	25,500	80
85	65.7	189.5	19,800	34,300	14,000	27,000	10,400	22,600	85
90	64.1	187.2	17,600	31,000	12,200	24,200	8,800	20,100	90
95	62.5	184.7	15,700	28,100	10,600	21,800	7,400	17,900	95
100	60.8	182.0	14,000	25,600	9,200	19,600	6,200	15,900	100
105	59.2	179.1	12,500	23,300	7,900	17,700	5,100	14,200	105
110	57.5	176.0	11,100	21,300	6,800	16,000	4,100	12,700	110
115	55.7	172.7	9,900	19,500	5,700	14,400	3,200	11,300	115
120	54.0	169.2	8,800	17,900	4,800	13,000	2,400	10,100	120
125	52.1	165.4	7,700	16,400	4,000	11,700		8,900	125
130	50.3	161.4	6,800	15,000	3,200	10,600		7,900	130
135	48.4	157.1	5,900	13,700	2,400	9,500		6,900	135
140	46.4	152.5	5,100	12,600		8,500		6,100	140
145	44.4	147.6	4,400	11,500		7,600		5,300	145
150	42.3	142.3	3,700	10,500		6,800		4,500	150
155	40.1	136.6	3,000	9,600		6,000		3,800	155
160	37.8	130.4	2,400	8,800		5,300		3,100	160
165	35.3	123.6		8,000		4,600		2,500	165
170	32.8	116.2		7,200		4,000		2,000	170
175	30.0	108.0		6,500		3,300			175
180	26.9	98.8		5,800		2,800			180
185	23.6	88.2		5,200		2,200			185
190	19.6	75.6		4,600					190
195	14.7	59.4		4,000					195

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



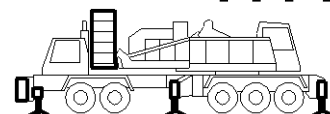
208 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	81.6	214.8	108,600*	108,600*	108,600*	108,600*	108,600*	108,600*	108,600*	108,600*	34
36	81.0	214.5	106,200*	106,200*	106,200*	106,200*	106,200*	106,200*	104,800	106,200*	36
38	80.5	214.2	104,000*	104,000*	104,000*	104,000*	104,000*	104,000*	95,800	103,400*	38
40	79.9	213.9	101,800*	101,800*	101,800*	101,800*	101,800*	101,800*	88,100	97,300*	40
45	78.5	212.9	93,200*	93,200*	93,200*	93,200*	85,600	90,700*	72,800	84,600*	45
50	77.1	211.8	83,800*	83,800*	83,800*	83,800*	72,600	80,000*	61,500	74,500*	50
55	75.7	210.6	76,100*	76,100*	72,500	76,100*	62,600	71,300*	52,800	66,300*	55
60	74.2	209.3	69,700*	69,700*	63,500	68,600*	54,700	64,000*	45,800	59,500*	60
65	72.8	207.8	64,200	64,300*	56,200	62,100*	48,200	57,900*	40,200	53,700*	65
70	71.4	206.2	57,500	59,600*	50,200	56,600*	42,800	52,700*	35,500	48,800*	70
75	69.9	204.4	51,800	55,400*	45,100	51,800*	38,300	48,200*	31,500	44,500*	75
80	68.4	202.5	47,000	51,000*	40,700	47,600*	34,400	44,200*	28,200	40,800*	80
85	66.9	200.5	42,800	47,100*	36,900	43,900*	31,100	40,700*	25,200	37,500*	85
90	65.4	198.2	39,100	43,700*	33,600	40,700*	28,200	37,700*	22,700	34,600*	90
95	63.9	195.9	35,900	40,600*	30,700	37,800*	25,600	34,900*	20,400	32,000*	95
100	62.4	193.3	33,000	37,800*	28,100	35,100*	23,300	32,400*	18,400	29,700*	100
105	60.8	190.6	30,400	35,300*	25,800	32,800*	21,300	30,200*	16,700	27,600*	105
110	59.2	187.7	28,100	33,100*	23,800	30,600*	19,400	28,100*	15,100	25,700*	110
115	57.6	184.7	26,100	31,000*	21,900	28,600*	17,800	26,300*	13,600	23,900*	115
120	55.9	181.4	24,200	29,100*	20,200	26,800*	16,200	24,600*	12,300	22,300	120
125	54.3	177.9	22,400	27,300*	18,700	25,200*	14,900	23,000*	11,100	20,600	125
130	52.5	174.2	20,900	25,700*	17,200	23,600*	13,600	21,600*	10,000	19,000	130
135	50.8	170.2	19,400	24,200*	15,900	22,200*	12,400	20,200*	9,000	17,600	135
140	49.0	166.0	18,100	22,800*	14,700	20,900*	11,400	19,000*	8,000	16,300	140
145	47.1	161.5	16,800	21,500*	13,600	19,700*	10,400	17,800*	7,200	15,000	145
150	45.2	156.7	15,700	20,300*	12,600	18,500*	9,500	16,600*	6,300	13,900	150
155	43.3	151.6	14,600	19,200*	11,600	17,500*	8,600	15,500*	5,600	12,800	155
160	41.2	146.1	13,600	18,100*	10,700	16,500*	7,800	14,400*	4,900	11,900	160
165	39.1	140.2	12,600	17,200*	9,800	15,500*	7,000	13,400*	4,200	10,900	165
170	36.8	133.7	11,700	16,200*	9,000	14,500*	6,300	12,500*	3,600	10,100	170
175	34.5	126.8	10,900	15,300*	8,300	13,500*	5,600	11,600*	3,000	9,300	175
180	31.9	119.1	10,100	14,500*	7,600	12,600*	5,000	10,700*	2,500	8,500	180
185	29.2	110.7	9,400	13,600*	6,900	11,800*	4,400	9,900*		7,800	185
190	26.3	101.2	8,700	12,700*	6,300	11,000*	3,800	9,200*		7,100	190
195	23.0	90.3	8,000	11,900*	5,600	10,200*	3,300	8,500*		6,500	195
200	19.1	77.3	7,300	11,100*	5,100	9,400*	2,800	7,800*		5,800	200
205	14.4	60.7	6,700	9,500*	4,500	8,700*	2,300	7,100*		5,200	205

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



208 Ft. Boom

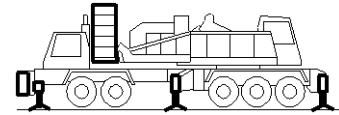


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	81.6	214.8	96,300	108,600*	77,400	101,300*	34
36	81.0	214.5	87,300	102,400*	69,900	94,700*	36
38	80.5	214.2	79,700	96,100*	63,600	88,800*	38
40	79.9	213.9	73,100	90,400*	58,100	83,500*	40
45	78.5	212.9	60,100	78,500*	47,300	72,400*	45
50	77.1	211.8	50,400	69,000*	39,300	63,500*	50
55	75.7	210.6	42,900	61,300*	33,100	56,300*	55
60	74.2	209.3	37,000	54,900*	28,200	50,400*	60
65	72.8	207.8	32,200	49,500*	24,200	43,800	65
70	71.4	206.2	28,200	44,900*	20,800	38,300	70
75	69.9	204.4	24,800	40,900*	18,000	33,800	75
80	68.4	202.5	21,900	37,400*	15,600	30,000	80
85	66.9	200.5	19,400	34,000	13,600	26,700	85
90	65.4	198.2	17,200	30,700	11,800	23,900	90
95	63.9	195.9	15,300	27,800	10,200	21,400	95
100	62.4	193.3	13,600	25,200	8,700	19,200	100
105	60.8	190.6	12,100	23,000	7,500	17,300	105
110	59.2	187.7	10,700	20,900	6,300	15,600	110
115	57.6	184.7	9,500	19,100	5,300	14,000	115
120	55.9	181.4	8,300	17,500	4,400	12,600	120
125	54.3	177.9	7,300	16,000	3,500	11,400	125
130	52.5	174.2	6,400	14,600	2,700	10,200	130
135	50.8	170.2	5,500	13,400	2,000	9,100	135
140	49.0	166.0	4,700	12,200		8,100	140
145	47.1	161.5	3,900	11,100		7,200	145
150	45.2	156.7	3,200	10,100		6,400	150
155	43.3	151.6	2,600	9,200		5,600	155
160	41.2	146.1	2,000	8,400		4,900	160
165	39.1	140.2		7,600		4,200	165
170	36.8	133.7		6,800		3,600	170
175	34.5	126.8		6,100		2,900	175
180	31.9	119.1		5,400		2,400	180
185	29.2	110.7		4,800			185
190	26.3	101.2		4,200			190
195	23.0	90.3		3,600			195
200	19.1	77.3		3,100			200
205	14.4	60.7		2,600			205

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



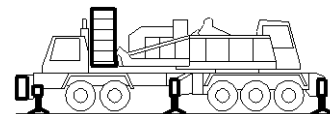
218 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	82.0	224.9	101,400*	101,400*	101,400*	101,400*	101,400*	101,400*	34
36	81.4	224.6	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	36
38	80.9	224.3	96,700*	96,700*	96,700*	96,700*	96,700*	96,700*	38
40	80.4	224.0	94,500*	94,500*	94,500*	94,500*	94,500*	94,500*	40
45	79.0	223.1	89,100*	89,100*	89,100*	89,100*	85,400	89,100*	45
50	77.7	222.1	81,800*	81,800*	81,800*	81,800*	72,400	79,600*	50
55	76.3	220.9	74,300*	74,300*	72,200	74,300*	62,300	70,900*	55
60	75.0	219.6	68,000*	68,000*	63,200	68,000*	54,400	63,600*	60
65	73.6	218.2	62,600*	62,600*	55,900	61,700*	47,900	57,500*	65
70	72.2	216.7	57,100	58,000*	49,800	56,200*	42,500	52,300*	70
75	70.9	215.0	51,500	54,000*	44,700	51,400*	37,900	47,700*	75
80	69.5	213.2	46,600	50,500*	40,300	47,200*	34,100	43,800*	80
85	68.0	211.3	42,400	46,700*	36,600	43,500*	30,700	40,300*	85
90	66.6	209.2	38,700	43,300*	33,300	40,200*	27,800	37,200*	90
95	65.2	207.0	35,500	40,200*	30,300	37,300*	25,200	34,500*	95
100	63.7	204.6	32,600	37,400*	27,800	34,700*	22,900	32,000*	100
105	62.3	202.0	30,100	34,900*	25,500	32,300*	20,900	29,800*	105
110	60.8	199.3	27,700	32,600*	23,400	30,200*	19,000	27,700*	110
115	59.2	196.4	25,700	30,600*	21,500	28,200*	17,400	25,900*	115
120	57.7	193.3	23,800	28,700*	19,800	26,400*	15,900	24,200*	120
125	56.1	190.1	22,000	26,900*	18,300	24,800*	14,500	22,600*	125
130	54.5	186.6	20,500	25,300*	16,800	23,200*	13,200	21,100*	130
135	52.9	183.0	19,000	23,800*	15,500	21,800*	12,000	19,800*	135
140	51.2	179.1	17,700	22,400*	14,300	20,500*	11,000	18,500*	140
145	49.5	174.9	16,400	21,100*	13,200	19,300*	10,000	17,300*	145
150	47.8	170.5	15,300	19,900*	12,200	18,100*	9,100	16,100*	150
155	46.0	165.8	14,200	18,800*	11,200	17,100*	8,200	14,900*	155
160	44.1	160.8	13,200	17,700*	10,300	16,000*	7,400	13,900*	160
165	42.2	155.5	12,200	16,700*	9,400	14,900*	6,600	12,900*	165
170	40.2	149.8	11,300	15,800*	8,600	13,900*	5,900	12,000*	170
175	38.1	143.7	10,500	14,900*	7,900	13,000*	5,300	11,100*	175
180	35.9	137.0	9,700	14,000*	7,200	12,100*	4,600	10,200*	180
185	33.6	129.8	9,000	13,100*	6,500	11,300*	4,000	9,400*	185
190	31.2	122.0	8,300	12,200*	5,900	10,500*	3,500	8,700*	190
195	28.5	113.3	7,600	11,400*	5,300	9,700*	2,900	8,000*	195
200	25.7	103.5	7,000	10,700*	4,700	9,000*	2,400	7,300*	200
205	22.4	92.3	6,400	9,900*	4,100	8,300*		6,600*	205
210	18.7	79.0	5,800	9,100*	3,600	7,600*		6,000*	210
215	14.0	61.9	5,200	7,600*	3,100	6,900*		5,400*	215

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



218 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	82.0	224.9	101,400*	101,400*	96,200	101,400*	34
36	81.4	224.6	99,000*	99,000*	87,200	99,000*	36
38	80.9	224.3	95,600	95,600	79,500	95,700*	38
40	80.4	224.0	87,900	94,500*	72,900	90,000*	40
45	79.0	223.1	72,600	84,200*	59,800	78,100*	45
50	77.7	222.1	61,200	74,100*	50,100	68,600*	50
55	76.3	220.9	52,500	65,900*	42,600	60,900*	55
60	75.0	219.6	45,500	59,000*	36,700	54,500*	60
65	73.6	218.2	39,900	53,300*	31,800	49,100*	65
70	72.2	216.7	35,200	48,400*	27,800	44,500*	70
75	70.9	215.0	31,200	44,100*	24,400	40,500*	75
80	69.5	213.2	27,800	40,400*	21,500	37,000*	80
85	68.0	211.3	24,900	37,100*	19,000	33,700	85
90	66.6	209.2	22,300	34,200*	16,900	30,400	90
95	65.2	207.0	20,100	31,600*	14,900	27,500	95
100	63.7	204.6	18,100	29,300*	13,200	24,900	100
105	62.3	202.0	16,300	27,200*	11,700	22,600	105
110	60.8	199.3	14,700	25,300*	10,300	20,600	110
115	59.2	196.4	13,200	23,500*	9,100	18,800	115
120	57.7	193.3	11,900	21,900*	7,900	17,100	120
125	56.1	190.1	10,700	20,200	6,900	15,600	125
130	54.5	186.6	9,600	18,700	6,000	14,200	130
135	52.9	183.0	8,600	17,200	5,100	13,000	135
140	51.2	179.1	7,600	15,900	4,300	11,800	140
145	49.5	174.9	6,800	14,700	3,500	10,800	145
150	47.8	170.5	5,900	13,500	2,800	9,800	150
155	46.0	165.8	5,200	12,500	2,200	8,900	155
160	44.1	160.8	4,500	11,500		8,000	160
165	42.2	155.5	3,800	10,600		7,200	165
170	40.2	149.8	3,200	9,700		6,400	170
175	38.1	143.7	2,600	8,900		5,700	175
180	35.9	137.0	2,100	8,100		5,100	180
185	33.6	129.8		7,400		4,400	185
190	31.2	122.0		6,700		3,900	190
195	28.5	113.3		6,100		3,300	195
200	25.7	103.5		5,500		2,800	200
205	22.4	92.3		4,900		2,200	205
210	18.7	79.0		4,300			210
215	14.0	61.9		3,800			215

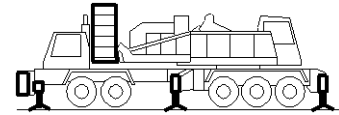
Liftcrane Boom Capacities

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

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



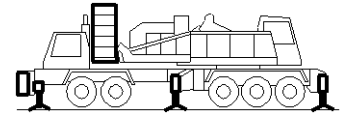
228 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
36	81.8	234.8	90,600*	90,600*	90,600*	90,600*	90,600*	90,600*	36
38	81.3	234.5	88,300*	88,300*	88,300*	88,300*	88,300*	88,300*	38
40	80.8	234.1	86,200*	86,200*	86,200*	86,200*	86,200*	86,200*	40
45	79.5	233.3	80,900*	80,900*	80,900*	80,900*	80,900*	80,900*	45
50	78.2	232.3	76,100*	76,100*	76,100*	76,100*	72,100	76,100*	50
55	76.9	231.2	71,600*	71,600*	71,600*	71,600*	62,000	70,400*	55
60	75.7	230.0	66,200*	66,200*	62,900	66,200*	54,000	63,100*	60
65	74.4	228.6	60,900*	60,900*	55,500	60,900*	47,500	57,000*	65
70	73.0	227.2	56,400*	56,400*	49,400	55,700*	42,100	51,800*	70
75	71.7	225.6	51,100	52,500*	44,300	50,900*	37,600	47,300*	75
80	70.4	223.9	46,200	49,000*	39,900	46,700*	33,700	43,300*	80
85	69.1	222.0	42,000	45,900*	36,200	43,000*	30,300	39,800*	85
90	67.7	220.0	38,300	42,800*	32,800	39,800*	27,400	36,800*	90
95	66.3	217.9	35,100	39,700*	29,900	36,800*	24,800	34,000*	95
100	65.0	215.7	32,200	36,900*	27,300	34,200*	22,500	31,500*	100
105	63.6	213.2	29,600	34,400*	25,000	31,900*	20,400	29,300*	105
110	62.2	210.7	27,300	32,200*	23,000	29,700*	18,600	27,200*	110
115	60.7	208.0	25,200	30,100*	21,100	27,700*	16,900	25,400*	115
120	59.3	205.1	23,300	28,200*	19,400	25,900*	15,400	23,700*	120
125	57.8	202.0	21,600	26,400*	17,800	24,300*	14,000	22,100*	125
130	56.3	198.8	20,000	24,800*	16,400	22,700*	12,800	20,700*	130
135	54.8	195.3	18,600	23,300*	15,100	21,300*	11,600	19,300*	135
140	53.2	191.7	17,200	21,900*	13,900	20,000*	10,500	17,900*	140
145	51.6	187.9	16,000	20,600*	12,700	18,800*	9,500	16,700*	145
150	50.0	183.8	14,800	19,400*	11,700	17,600*	8,600	15,500*	150
155	48.4	179.5	13,700	18,300*	10,700	16,500*	7,700	14,300*	155
160	46.7	174.9	12,700	17,200*	9,800	15,400*	6,900	13,300*	160
165	44.9	170.0	11,800	16,100*	9,000	14,300*	6,200	12,300*	165
170	43.1	164.8	10,900	14,700*	8,200	13,300*	5,500	11,400*	170
175	41.2	159.3	10,100	13,400*	7,400	12,400*	4,800	10,500*	175
180	39.3	153.4	9,300	12,200*	6,700	11,500*	4,200	9,600*	180
185	37.2	147.1	8,500	11,000*	6,100	10,700*	3,600	8,900*	185
190	35.1	140.2	7,800	9,800*	5,400	9,800*	3,000	8,100*	190
195	32.9	132.8	7,200	8,700*	4,800	8,700*	2,500	7,400*	195
200	30.5	124.7	6,500	7,700*	4,200	7,700*	2,000	6,700*	200
205	27.9	115.8	5,900	6,700*	3,700	6,700*		6,100*	205
210	25.1	105.7	5,300	5,700*	3,200	5,700*		5,400*	210
215	21.9	94.2	4,800*	4,800*	2,700	4,800*		4,800*	215
220	18.3	80.6	3,900*	3,900*	2,200	3,900*		3,900*	220
225	13.7	63.1	3,100*	3,100*		3,100*		3,100*	225

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



228 Ft. Boom

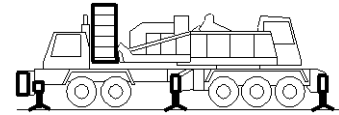


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
36	81.8	234.8	90,600*	90,600*	87,000	90,600*	36
38	81.3	234.5	88,300*	88,300*	79,300	88,300*	38
40	80.8	234.1	86,200*	86,200*	72,700	86,200*	40
45	79.5	233.3	72,300	80,900*	59,600	77,600*	45
50	78.2	232.3	60,900	73,600*	49,800	68,100*	50
55	76.9	231.2	52,200	65,400*	42,300	60,400*	55
60	75.7	230.0	45,200	58,600*	36,300	54,000*	60
65	74.4	228.6	39,500	52,800*	31,500	48,600*	65
70	73.0	227.2	34,800	47,900*	27,500	44,000*	70
75	71.7	225.6	30,800	43,600*	24,100	40,000*	75
80	70.4	223.9	27,400	39,900*	21,200	36,500*	80
85	69.1	222.0	24,500	36,600*	18,600	33,400	85
90	67.7	220.0	21,900	33,700*	16,400	30,000	90
95	66.3	217.9	19,700	31,100*	14,500	27,100	95
100	65.0	215.7	17,600	28,800*	12,800	24,500	100
105	63.6	213.2	15,900	26,700*	11,300	22,200	105
110	62.2	210.7	14,200	24,800*	9,900	20,200	110
115	60.7	208.0	12,800	23,000*	8,600	18,400	115
120	59.3	205.1	11,500	21,300*	7,500	16,700	120
125	57.8	202.0	10,200	19,700*	6,500	15,200	125
130	56.3	198.8	9,100	18,200*	5,500	13,800	130
135	54.8	195.3	8,100	16,800	4,600	12,600	135
140	53.2	191.7	7,200	15,500	3,800	11,400	140
145	51.6	187.9	6,300	14,200	3,100	10,300	145
150	50.0	183.8	5,500	13,100	2,400	9,300	150
155	48.4	179.5	4,700	12,000		8,400	155
160	46.7	174.9	4,000	11,100		7,600	160
165	44.9	170.0	3,400	10,100		6,800	165
170	43.1	164.8	2,800	9,300		6,000	170
175	41.2	159.3	2,200	8,500		5,300	175
180	39.3	153.4		7,700		4,600	180
185	37.2	147.1		7,000		4,000	185
190	35.1	140.2		6,300		3,400	190
195	32.9	132.8		5,700*		2,900	195
200	30.5	124.7		5,000*		2,300	200
205	27.9	115.8		4,400*			205
210	25.1	105.7		3,800*			210
215	21.9	94.2		3,300*			215
220	18.3	80.6		2,700*			220
225	13.7	63.1		2,200*			225

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



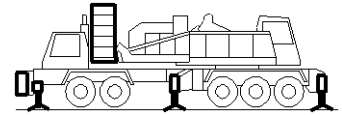
238 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
38	81.7	244.6	80,000*	80,000*	80,000*	80,000*	80,000*	80,000*	38
40	81.2	244.3	77,900*	77,900*	77,900*	77,900*	77,900*	77,900*	40
45	80.0	243.4	72,900*	72,900*	72,900*	72,900*	72,900*	72,900*	45
50	78.7	242.5	68,200*	68,200*	68,200*	68,200*	68,200*	68,200*	50
55	77.5	241.4	63,800*	63,800*	63,800*	63,800*	61,700	63,800*	55
60	76.3	240.3	59,700*	59,700*	59,700*	59,700*	53,700	59,700*	60
65	75.0	239.0	55,900*	55,900*	55,200	55,900*	47,200	55,900*	65
70	73.8	237.6	52,300*	52,300*	49,100	52,300*	41,800	51,400*	70
75	72.5	236.1	49,000*	49,000*	44,000	49,000*	37,200	46,800*	75
80	71.3	234.5	45,800	45,900*	39,600	45,900*	33,300	42,900*	80
85	70.0	232.7	41,600	42,900*	35,800	42,600*	29,900	39,400*	85
90	68.7	230.8	37,900	40,100*	32,500	39,300*	27,000	36,300*	90
95	67.4	228.8	34,700	37,500*	29,600	36,400*	24,400	33,600*	95
100	66.1	226.6	31,800	35,000*	27,000	33,800*	22,100	31,100*	100
105	64.8	224.4	29,200	32,700*	24,600	31,400*	20,100	28,900*	105
110	63.4	221.9	26,900	30,500*	22,600	29,300*	18,200	26,800*	110
115	62.1	219.3	24,800	28,400*	20,700	27,300*	16,500	25,000*	115
120	60.7	216.6	22,900	26,500*	19,000	25,500*	15,000	23,300*	120
125	59.3	213.7	21,200	24,600*	17,400	23,900*	13,600	21,700*	125
130	57.9	210.7	19,600	22,800*	16,000	22,300*	12,400	20,200*	130
135	56.5	207.5	18,200	21,100*	14,700	20,900*	11,200	18,800*	135
140	55.0	204.0	16,800	19,500*	13,500	19,500*	10,100	17,400*	140
145	53.5	200.5	15,600	18,000*	12,300	18,000*	9,100	16,100*	145
150	52.0	196.7	14,400	16,500*	11,300	16,500*	8,200	14,900*	150
155	50.5	192.6	13,300	15,100*	10,300	15,100*	7,300	13,800*	155
160	48.9	188.4	12,300	13,800*	9,400	13,800*	6,500	12,800*	160
165	47.3	183.9	11,400	12,500*	8,600	12,500*	5,800	11,800*	165
170	45.6	179.1	10,500	11,300*	7,800	11,300*	5,100	10,800*	170
175	43.9	174.1	9,700	10,100*	7,000	10,100*	4,400	10,000*	175
180	42.1	168.7	8,900	9,000*	6,300	9,000*	3,800	9,000*	180
185	40.3	163.0	7,900*	7,900*	5,600	7,900*	3,200	7,900*	185
190	38.4	156.9	6,900*	6,900*	5,000	6,900*	2,600	6,900*	190
195	36.4	150.4	5,900*	5,900*	4,400	5,900*	2,100	5,900*	195
200	34.3	143.4	4,900*	4,900*	3,900	4,900*		4,900*	200
205	32.2	135.7	4,000*	4,000*	3,300	4,000*		4,000*	205
210	29.8	127.4	3,200*	3,200*	2,800	3,200*		3,200*	210
215	27.3	118.2	2,400*	2,400*	2,300	2,400*		2,400*	215

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



238 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
38	81.7	244.6	80,000*	80,000*	79,100	80,000*	38
40	81.2	244.3	77,900*	77,900*	72,500	77,900*	40
45	80.0	243.4	72,100	72,900*	59,300	72,900*	45
50	78.7	242.5	60,700	68,200*	49,500	67,700*	50
55	77.5	241.4	51,900	63,800*	42,000	60,000*	55
60	76.3	240.3	44,900	58,200*	36,000	53,600*	60
65	75.0	239.0	39,200	52,400*	31,100	48,200*	65
70	73.8	237.6	34,400	47,500*	27,100	43,600*	70
75	72.5	236.1	30,500	43,200*	23,700	39,600*	75
80	71.3	234.5	27,000	39,500*	20,800	36,100*	80
85	70.0	232.7	24,100	36,200*	18,300	33,000	85
90	68.7	230.8	21,500	33,300*	16,100	29,700	90
95	67.4	228.8	19,300	30,700*	14,100	26,700	95
100	66.1	226.6	17,300	28,400*	12,400	24,200	100
105	64.8	224.4	15,500	26,300*	10,900	21,900	105
110	63.4	221.9	13,800	24,400*	9,500	19,800	110
115	62.1	219.3	12,400	22,600*	8,200	18,000	115
120	60.7	216.6	11,100	20,800*	7,100	16,300	120
125	59.3	213.7	9,900	19,200*	6,100	14,800	125
130	57.9	210.7	8,700	17,700*	5,100	13,500	130
135	56.5	207.5	7,700	16,300*	4,200	12,200	135
140	55.0	204.0	6,800	15,000*	3,400	11,000	140
145	53.5	200.5	5,900	13,800*	2,700	10,000	145
150	52.0	196.7	5,100	12,700*	2,000	9,000	150
155	50.5	192.6	4,300	11,600*		8,000	155
160	48.9	188.4	3,600	10,600*		7,200	160
165	47.3	183.9	3,000	9,700*		6,400	165
170	45.6	179.1	2,400	8,900*		5,600	170
175	43.9	174.1		8,000*		4,900	175
180	42.1	168.7		7,300*		4,300	180
185	40.3	163.0		6,500*		3,600	185
190	38.4	156.9		5,800*		3,000	190
195	36.4	150.4		5,200*		2,500	195
200	34.3	143.4		4,500*		2,000	200
205	32.2	135.7		3,900*			205
210	29.8	127.4		3,200*			210
215	27.3	118.2		2,400*			215

Liftcrane Boom Capacities

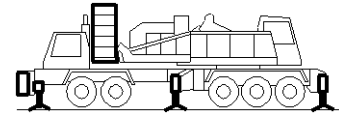
Boom No. 78T With Long Reach Top
0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



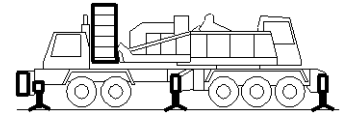
248 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
38	82.0	254.7	83,000*	83,000*	83,000*	83,000*	83,000*	83,000*	83,000*	83,000*	38
40	81.5	254.4	81,800*	81,800*	81,800*	81,800*	81,800*	81,800*	81,800*	81,800*	40
45	80.4	253.6	78,800*	78,800*	78,800*	78,800*	78,800*	78,800*	71,900	78,800*	45
50	79.2	252.7	76,000*	76,000*	76,000*	76,000*	71,600	76,000*	60,500	73,000*	50
55	78.0	251.7	70,000*	70,000*	70,000*	70,000*	61,500	69,800*	51,700	64,800*	55
60	76.8	250.6	63,800*	63,800*	62,400	63,800*	53,500	62,500*	44,700	58,000*	60
65	75.6	249.3	58,600*	58,600*	55,000	58,600*	47,000	56,400*	39,000	52,200*	65
70	74.4	248.0	54,100*	54,100*	48,900	54,100*	41,600	51,200*	34,300	47,300*	70
75	73.2	246.6	50,200*	50,200*	43,800	50,200*	37,000	46,700*	30,300	43,000*	75
80	72.0	245.0	45,700	46,700*	39,400	46,100*	33,200	42,700*	26,900	39,300*	80
85	70.8	243.3	41,500	43,700*	35,600	42,400*	29,800	39,200*	23,900	36,000*	85
90	69.6	241.5	37,800	41,000*	32,300	39,200*	26,800	36,200*	21,400	33,100*	90
95	68.3	239.6	34,500	38,500*	29,400	36,300*	24,200	33,400*	19,100	30,500*	95
100	67.1	237.5	31,700	36,300*	26,800	33,600*	21,900	30,900*	17,100	28,200*	100
105	65.8	235.4	29,100	33,800*	24,500	31,300*	19,900	28,700*	15,300	26,100*	105
110	64.6	233.1	26,800	31,600*	22,400	29,100*	18,000	26,600*	13,700	24,200*	110
115	63.3	230.6	24,700	29,500*	20,500	27,100*	16,400	24,800*	12,200	22,300*	115
120	62.0	228.0	22,800	27,600*	18,800	25,300*	14,900	23,100*	10,900	20,600*	120
125	60.7	225.3	21,000	25,800*	17,300	23,700*	13,500	21,500*	9,700	19,000*	125
130	59.3	222.4	19,500	24,200*	15,800	22,200*	12,200	20,100*	8,600	17,500*	130
135	58.0	219.3	18,000	22,700*	14,500	20,700*	11,000	18,600*	7,600	16,100*	135
140	56.6	216.1	16,600	21,400*	13,300	19,400*	10,000	17,200*	6,600	14,800*	140
145	55.2	212.8	15,400	20,100*	12,200	18,200*	9,000	15,900*	5,700	13,600*	145
150	53.8	209.2	14,200	18,900*	11,100	17,000*	8,000	14,700*	4,900	12,500*	150
155	52.3	205.4	13,200	17,700*	10,200	15,800*	7,200	13,600*	4,200	11,400*	155
160	50.9	201.5	12,200	16,500*	9,300	14,700*	6,400	12,600*	3,500	10,400*	160
165	49.4	197.3	11,200	15,400*	8,400	13,600*	5,600	11,600*	2,800	9,500*	165
170	47.8	192.9	10,300	14,400*	7,600	12,600*	4,900	10,600*	2,200	8,700*	170
175	46.2	188.2	9,500	13,400*	6,900	11,700*	4,200	9,800*		7,800*	175
180	44.6	183.3	8,700	12,500*	6,200	10,800*	3,600	8,900*		7,100*	180
185	43.0	178.1	8,000	11,700*	5,500	10,000*	3,000	8,200*		6,300*	185
190	41.2	172.6	7,300	10,900*	4,900	9,200*	2,500	7,400*		5,600*	190
195	39.5	166.7	6,600	10,100*	4,300	8,400*		6,700*		5,000*	195
200	37.6	160.4	6,000	9,000*	3,700	7,700*		6,000*		4,300*	200
205	35.7	153.7	5,400	7,800*	3,200	7,000*		5,400*		3,700*	205
210	33.6	146.4	4,800	6,700*	2,700	6,400*		4,800*		3,200*	210
215	31.5	138.6	4,300	5,700*	2,200	5,700*		4,200*		2,600*	215
220	29.2	130.0	3,800	4,700*		4,700*		3,600*		2,100*	220
225	26.7	120.6	3,300	3,800*		3,800*		3,100*			225
230	24.0	110.1	2,800*	2,800*		2,800*		2,600*			230
235	21.0	98.0	2,000*	2,000*		2,000*		2,000*			235

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



258 Ft. Boom

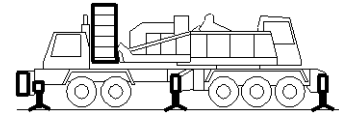
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
40	81.9	264.5	77,400*	77,400*	77,400*	77,400*	77,400*	77,400*	40
45	80.7	263.7	74,600*	74,600*	74,600*	74,600*	74,600*	74,600*	45
50	79.6	262.9	72,000*	72,000*	72,000*	72,000*	71,300	72,000*	50
55	78.5	261.9	68,400*	68,400*	68,400*	68,400*	61,200	68,400*	55
60	77.4	260.8	62,300*	62,300*	62,000	62,300*	53,200	62,000*	60
65	76.2	259.6	57,100*	57,100*	54,600	57,100*	46,600	55,900*	65
70	75.1	258.4	52,600*	52,600*	48,500	52,600*	41,200	50,700*	70
75	73.9	257.0	48,800*	48,800*	43,400	48,800*	36,600	46,200*	75
80	72.8	255.5	45,300	45,400*	39,000	45,400*	32,700	42,200*	80
85	71.6	253.9	41,000	42,400*	35,200	41,900*	29,400	38,700*	85
90	70.4	252.2	37,300	39,700*	31,900	38,700*	26,400	35,700*	90
95	69.2	250.3	34,100	37,200*	28,900	35,800*	23,800	32,900*	95
100	68.0	248.4	31,200	35,000*	26,400	33,100*	21,500	30,400*	100
105	66.8	246.3	28,600	33,000*	24,000	30,800*	19,400	28,200*	105
110	65.6	244.1	26,300	31,100*	22,000	28,600*	17,600	26,100*	110
115	64.4	241.7	24,200	29,000*	20,100	26,600*	15,900	24,300*	115
120	63.2	239.3	22,300	27,100*	18,400	24,800*	14,400	22,600*	120
125	61.9	236.7	20,600	25,300*	16,800	23,200*	13,000	21,000*	125
130	60.6	233.9	19,000	23,700*	15,400	21,700*	11,700	19,500*	130
135	59.4	231.1	17,500	22,200*	14,100	20,200*	10,600	18,000*	135
140	58.1	228.0	16,200	20,900*	12,800	18,900*	9,500	16,600*	140
145	56.7	224.8	14,900	19,600*	11,700	17,600*	8,500	15,300*	145
150	55.4	221.5	13,800	18,200*	10,700	16,400*	7,600	14,100*	150
155	54.0	217.9	12,700	17,000*	9,700	15,200*	6,700	13,000*	155
160	52.7	214.2	11,700	15,900*	8,800	14,100*	5,900	11,900*	160
165	51.2	210.3	10,700	14,800*	7,900	13,000*	5,100	11,000*	165
170	49.8	206.2	9,900	13,800*	7,100	12,000*	4,400	10,000*	170
175	48.3	201.8	9,000	12,800*	6,400	11,100*	3,800	9,200*	175
180	46.8	197.3	8,200	11,900*	5,700	10,200*	3,100	8,300*	180
185	45.3	192.4	7,500	11,000*	5,000	9,400*	2,600	7,500*	185
190	43.7	187.4	6,800	10,200*	4,400	8,600*	2,000	6,800*	190
195	42.1	182.0	6,100	9,500*	3,800	7,800*		6,100*	195
200	40.4	176.3	5,500	8,700*	3,200	7,100*		5,400*	200
205	38.6	170.2	4,900	8,000*	2,700	6,400*		4,800*	205
210	36.8	163.7	4,400	7,400*	2,200	5,800*		4,200*	210
215	34.9	156.8	3,800	6,700*		5,200*		3,600*	215
220	32.9	149.4	3,300	5,900*		4,600*		3,000*	220
225	30.8	141.4	2,800	4,800*		4,000*		2,500*	225
230	28.6	132.6	2,300	3,800*		3,400*		2,000*	230
235	26.2	123.0		2,800*		2,800*			235

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



268 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
45	81.1	273.9	70,600*	70,600*	70,600*	70,600*	45
50	80.0	273.0	68,300*	68,300*	68,300*	68,300*	50
55	78.9	272.1	65,200*	65,200*	65,200*	65,200*	55
60	77.8	271.1	60,800*	60,800*	60,800*	60,800*	60
65	76.7	269.9	55,700*	55,700*	54,300	55,700*	65
70	75.6	268.7	51,200*	51,200*	48,200	51,200*	70
75	74.5	267.4	47,400*	47,400*	43,000	47,400*	75
80	73.4	265.9	44,100*	44,100*	38,600	44,100*	80
85	72.3	264.4	40,600	41,100*	34,800	41,100*	85
90	71.2	262.7	36,900	38,400*	31,500	38,200*	90
95	70.0	261.0	33,700	36,000*	28,500	35,300*	95
100	68.9	259.1	30,800	33,800*	25,900	32,700*	100
105	67.7	257.1	28,200	31,800*	23,600	30,300*	105
110	66.6	255.0	25,900	30,000*	21,500	28,200*	110
115	65.4	252.8	23,800	28,300*	19,700	26,200*	115
120	64.2	250.4	21,900	26,600*	17,900	24,400*	120
125	63.0	248.0	20,200	24,900*	16,400	22,700*	125
130	61.8	245.3	18,600	23,200*	14,900	21,200*	130
135	60.6	242.6	17,100	21,600*	13,600	19,800*	135
140	59.4	239.7	15,800	20,100*	12,400	18,500*	140
145	58.1	236.7	14,500	18,700*	11,300	17,100*	145
150	56.9	233.5	13,300	17,300*	10,200	15,800*	150
155	55.6	230.2	12,300	16,100*	9,300	14,600*	155
160	54.3	226.6	11,200	15,000*	8,400	13,500*	160
165	52.9	223.0	10,300	13,900*	7,500	12,400*	165
170	51.6	219.1	9,400	12,900*	6,700	11,500*	170
175	50.2	215.0	8,600	11,900*	6,000	10,500*	175
180	48.8	210.8	7,800	11,000*	5,300	9,600*	180
185	47.4	206.3	7,100	9,800*	4,600	8,800*	185
190	45.9	201.5	6,400	8,600*	4,000	8,000*	190
195	44.4	196.6	5,700	7,300*	3,400	7,300*	195
200	42.8	191.3	5,100	6,200*	2,800	6,200*	200
205	41.2	185.8	4,500	5,100*	2,300	5,100*	205
210	39.6	179.9	3,900	4,100*		4,100*	210
215	37.9	173.7	3,100*	3,100*		3,100*	215
220	36.1	167.0	2,100*	2,100*		2,100*	220

Liftcrane Boom Capacities

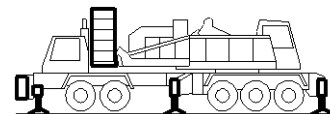
Boom No. 78T With Long Reach Top

0 Lb. to 95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



278 Ft. Boom

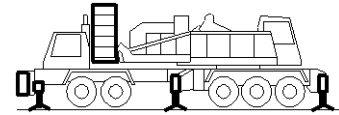
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
45	81.4	284.0	66,900*	66,900*	66,900*	66,900*	45
50	80.4	283.2	64,900*	64,900*	64,900*	64,900*	50
55	79.3	282.3	62,900*	62,900*	62,900*	62,900*	55
60	78.3	281.3	59,400*	59,400*	59,400*	59,400*	60
65	77.2	280.2	54,300*	54,300*	53,900	54,300*	65
70	76.2	279.0	49,900*	49,900*	47,700	49,900*	70
75	75.1	277.7	46,100*	46,100*	42,600	46,100*	75
80	74.0	276.4	42,700*	42,700*	38,200	42,700*	80
85	73.0	274.9	39,800*	39,800*	34,400	39,800*	85
90	71.9	273.3	36,500	37,100*	31,000	37,100*	90
95	70.8	271.6	33,200	34,800*	28,100	34,800*	95
100	69.7	269.8	30,300	32,600*	25,500	32,200*	100
105	68.6	267.9	27,700	30,600*	23,200	29,800*	105
110	67.5	265.9	25,400	28,800*	21,100	27,600*	110
115	66.4	263.7	23,300	27,200*	19,200	25,700*	115
120	65.2	261.5	21,400	25,600*	17,500	23,900*	120
125	64.1	259.1	19,700	24,200*	15,900	22,200*	125
130	62.9	256.6	18,100	22,600*	14,500	20,700*	130
135	61.8	254.0	16,600	20,900*	13,100	19,300*	135
140	60.6	251.3	15,300	19,400*	11,900	17,800*	140
145	59.4	248.4	14,000	18,000*	10,800	16,400*	145
150	58.2	245.3	12,900	16,700*	9,700	15,200*	150
155	57.0	242.2	11,800	15,500*	8,800	14,000*	155
160	55.7	238.8	10,800	14,300*	7,900	12,900*	160
165	54.5	235.4	9,800	13,300*	7,000	11,800*	165
170	53.2	231.7	8,900	12,300*	6,200	10,800*	170
175	51.9	227.9	8,100	11,300*	5,500	9,900*	175
180	50.6	223.9	7,300	10,400*	4,800	9,000*	180
185	49.2	219.7	6,600	9,600*	4,100	8,200*	185
190	47.9	215.2	5,900	8,800*	3,500	7,400*	190
195	46.5	210.6	5,200	8,000*	2,900	6,600*	195
200	45.0	205.7	4,600	7,300*	2,300	5,900*	200
205	43.5	200.6	4,000	6,600*		5,300*	205
210	42.0	195.2	3,400	5,900*		4,600*	210
215	40.5	189.5	2,900	4,700*		4,000*	215
220	38.9	183.5	2,400	3,600*		3,400*	220
225	37.2	177.1		2,600*		2,600*	225

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



288 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
45	81.7	294.1	62,800*	62,800*	45
50	80.7	293.3	61,000*	61,000*	50
55	79.7	292.4	58,500*	58,500*	55
60	78.7	291.5	55,600*	55,600*	60
65	77.7	290.4	52,800*	52,800*	65
70	76.6	289.3	48,600*	48,600*	70
75	75.6	288.1	44,800*	44,800*	75
80	74.6	286.7	41,500*	41,500*	80
85	73.6	285.3	38,600*	38,600*	85
90	72.5	283.8	36,000*	36,000*	90
95	71.5	282.2	32,800	33,600*	95
100	70.4	280.4	29,900	31,500*	100
105	69.4	278.6	27,300	29,500*	105
110	68.3	276.7	25,000	27,700*	110
115	67.2	274.6	22,900	26,100*	115
120	66.1	272.5	21,000	24,600*	120
125	65.0	270.2	19,300	23,100*	125
130	63.9	267.8	17,700	21,700*	130
135	62.8	265.3	16,200	20,100*	135
140	61.7	262.7	14,800	18,600*	140
145	60.6	259.9	13,600	17,200*	145
150	59.4	257.0	12,400	15,900*	150
155	58.3	254.0	11,300	14,700*	155
160	57.1	250.9	10,300	13,500*	160
165	55.9	247.5	9,400	12,500*	165
170	54.7	244.1	8,500	11,500*	170
175	53.5	240.5	7,700	10,500*	175
180	52.2	236.7	6,900	9,600*	180
185	50.9	232.7	6,100	8,800*	185
190	49.6	228.5	5,400	7,700*	190
195	48.3	224.2	4,800	6,500*	195
200	47.0	219.6	4,100	5,400*	200
205	45.6	214.9	3,600	4,300*	205
210	44.2	209.8	3,000	3,200*	210
215	42.7	204.6	2,200*	2,200*	215

298 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
55	80.0	302.6	55,200*	55,200*	55
60	79.1	301.7	53,700*	53,700*	60
65	78.1	300.7	50,600*	50,600*	65
70	77.1	299.6	46,400*	46,400*	70
75	76.1	298.4	42,800*	42,800*	75
80	75.1	297.1	39,700*	39,700*	80
85	74.1	295.7	36,900*	36,900*	85
90	73.1	294.3	34,400*	34,400*	90
95	72.1	292.7	32,100*	32,100*	95
100	71.1	291.0	29,900	30,100*	100
105	70.1	289.3	27,300	28,200*	105
110	69.1	287.4	25,000	26,500*	110
115	68.0	285.4	22,900	24,900*	115
120	67.0	283.4	21,000	23,500*	120
125	65.9	281.2	19,200	22,100*	125
130	64.9	278.9	17,700	20,900*	130
135	63.8	276.5	16,200	19,700*	135
140	62.7	274.0	14,800	18,600*	140
145	61.7	271.3	13,600	17,500*	145
150	60.6	268.6	12,400	16,500*	150
155	59.4	265.7	11,300	15,500*	155
160	58.3	262.7	10,300	14,400*	160
165	57.2	259.5	9,400	13,300*	165
170	56.0	256.2	8,500	12,200*	170
175	54.9	252.8	7,700	11,200*	175
180	53.7	249.2	6,900	10,300*	180
185	52.5	245.4	6,100	9,400*	185
190	51.3	241.5	5,400	8,600*	190
195	50.0	237.4	4,800	7,800*	195
200	48.7	233.1	4,100	7,100*	200
205	47.5	228.6	3,500	6,200*	205
210	46.1	223.9	3,000	5,200*	210
215	44.8	219.0	2,400	4,100*	215
220	43.4	213.9		3,100*	220
225	42.0	208.4		2,200*	225