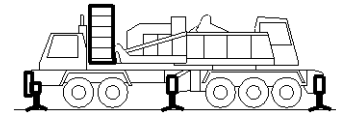


Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



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

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

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

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

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

Refer to boom rigging **No. A03379**, Wire Rope Specification chart **No. 7973-A** and Operating Range Diagram chart

No. 7974-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel (1/4 MPH) on a firm, level and uniformly supporting surface with outrigger jacks retracted and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8458-A**, Maximum Allowable Traveling Weight chart **No. 7972-A** and Weight Distribution chart **No. 7975-A.**

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

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

MACHINE EQUIPMENT: Machine equipped with Manitowoc 10 x 6 carrier, 277 in. wheel base, 117 in. front axle track, 100 in. rear axle track, 14.00 x 24 tires, 96 in. front outriggers, 70 in. rear outriggers, two 12 in. boom hoist cylinders, 26 Ft. mast, two boom support straps, crane counterweight as specified with 8,000 Lb. front bumper counterweight adapter.

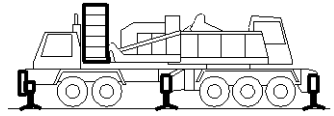
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
30 Ft.	3,900 Lbs.
40 Ft.	4,700 Lbs.
50 Ft.	5,600 Lbs.
60 Ft.	6,600 Lbs.
70 Ft.	7,600 Lbs.
80 Ft.	8,700 Lbs.

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. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

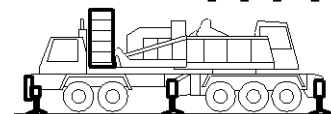
 Meets
ANSI B30.5
Requirements


Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
95,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
240 Ft.	—	220 Ft.	—
230 Ft.	—	210 Ft.	—
220 Ft.	40 Ft.	200 Ft.	30 Ft.
210 Ft.	60 Ft.	190 Ft.	60 Ft.
200 Ft.	80 Ft.	180 Ft.	80 Ft.
78,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
220 Ft.	—	200 Ft.	—
210 Ft.	—	190 Ft.	—
200 Ft.	50 Ft.	180 Ft.	40 Ft.
190 Ft.	70 Ft.	170 Ft.	70 Ft.
180 Ft.	80 Ft.	160 Ft.	80 Ft.
61,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
200 Ft.	—	180 Ft.	—
190 Ft.	30 Ft.	170 Ft.	30 Ft.
180 Ft.	60 Ft.	160 Ft.	40 Ft.
170 Ft.	80 Ft.	150 Ft.	70 Ft.
		140 Ft.	80 Ft.
44,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
190 Ft.	—	160 Ft.	—
180 Ft.	—	150 Ft.	30 Ft.
170 Ft.	50 Ft.	140 Ft.	60 Ft.
160 Ft.	60 Ft.	130 Ft.	80 Ft.
150 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.	—	Not Allowed
130 Ft.	—	
120 Ft.	50 Ft.	
110 Ft.	70 Ft.	
100 Ft.	80 Ft.	
61,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.		
120 Ft.	—	Not Allowed
110 Ft.	30 Ft.	
100 Ft.	60 Ft.	
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. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
27,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
170 Ft.	—	140 Ft.	—
160 Ft.	—	130 Ft.	30 Ft.
150 Ft.	40 Ft.	120 Ft.	60 Ft.
140 Ft.	70 Ft.	110 Ft.	80 Ft.
130 Ft.	80 Ft.		
10,400 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
150 Ft.	—	120 Ft.	—
140 Ft.	—	110 Ft.	—
130 Ft.	50 Ft.	100 Ft.	50 Ft.
120 Ft.	80 Ft.		
0 Lb. Crane Counterweight + 8,000 Lb. Front Bumper Cwt.			
140 Ft.	—	100 Ft.	—
130 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.

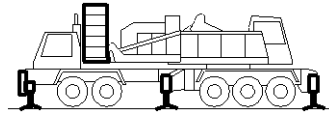
Refer to chart No. 8456-A, -B or -C (0, 8,000 or 25,000 Lb. front bumper counterweight [FBC]) for fully extended outrigger boom capacities.

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



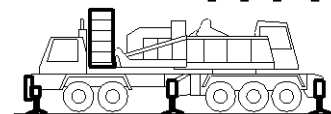
42.5 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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	98,200*	98,200*	88,700	96,900*	75,900	90,800*	63,100	82,000	45

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



42.5 Ft. Boom



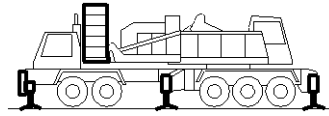
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity 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*	127,700	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

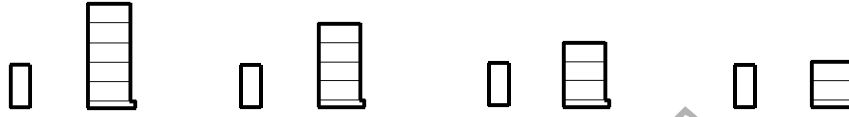
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



60 Ft. Boom

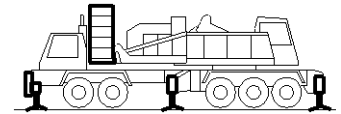


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	103,800*	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	71,300	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	68,700*	48,800	61,900	40,000	53,000	60

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



60 Ft. Boom



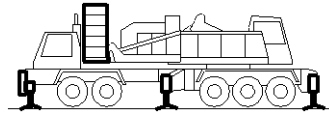
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity 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*	190,000	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	40,300	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. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



70 Ft. Boom

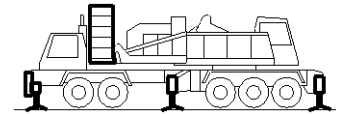


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	290,100*	290,100*	15
16	81.7	78.0	294,300*	294,300*	294,300*	294,300*	286,000*	286,000*	272,800*	272,800*	16
17	80.9	77.8	292,400*	292,400*	282,400*	282,400*	269,900*	269,900*	257,400*	257,400*	17
18	80.0	77.6	279,100*	279,100*	267,200*	267,200*	255,400*	255,400*	243,500*	243,500*	18
19	79.2	77.4	264,800*	264,800*	253,600*	253,600*	242,300*	242,300*	231,000*	231,000*	19
20	78.4	77.2	251,900*	251,900*	241,200*	241,200*	230,400*	230,400*	218,400*	218,400*	20
22	76.7	76.6	229,400*	229,400*	219,600*	219,600*	209,100*	209,100*	196,200*	196,200*	22
24	75.0	76.1	210,400*	210,400*	201,400*	201,400*	189,600*	189,600*	177,900*	177,900*	24
26	73.2	75.4	194,000*	194,000*	184,100*	184,100*	173,300*	173,300*	162,500*	162,500*	26
28	71.5	74.7	179,400*	179,400*	169,400*	169,400*	159,400*	159,400*	149,000*	149,400*	28
30	69.7	73.9	166,100*	166,100*	156,800*	156,800*	147,400*	147,400*	131,600	138,100*	30
32	68.0	73.1	154,400*	154,400*	145,700*	145,700*	137,000*	137,000*	117,600	128,300*	32
34	66.2	72.1	144,200*	144,200*	136,100*	136,100*	125,000	127,900*	106,000	119,700*	34
36	64.3	71.1	135,200*	135,200*	127,500*	127,500*	113,700	119,800*	96,300	112,100*	36
38	62.5	70.0	127,100*	127,100*	119,900*	119,900*	104,200	112,600*	88,100	105,300*	38
40	60.6	68.9	119,900*	119,900*	111,000	113,000*	96,000	106,100*	81,000	99,200*	40
45	55.6	65.5	104,700*	104,700*	92,400	98,600*	79,600	92,500*	66,900	85,800	45
50	50.4	61.5	89,800	92,600*	78,600	87,100*	67,500	81,600*	56,400	72,800	50
55	44.6	56.6	77,800	82,700*	68,000	77,700*	58,100	72,700	48,300	62,800	55
60	38.2	50.5	68,300	74,500*	59,400	69,900*	50,600	63,700	41,800	54,700	60
65	30.6	42.6	60,500	67,500*	52,400	63,300*	44,400	56,200	36,400	48,200	65
70	20.3	31.1	53,800	61,400*	46,500	57,400	39,200	50,000	31,800	42,600	70

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



70 Ft. Boom



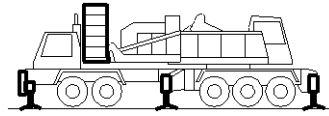
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	276,100*	276,100*	262,100*	262,100*	251,500*	251,500*	15
16	81.7	78.0	259,600*	259,600*	244,700*	244,700*	233,600*	233,600*	16
17	80.9	77.8	244,900*	244,900*	228,400*	228,400*	218,000*	218,000*	17
18	80.0	77.6	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	79.2	77.4	216,300*	216,300*	201,300*	201,300*	192,100*	192,100*	19
20	78.4	77.2	204,200*	204,200*	189,900*	189,900*	169,200	181,200*	20
22	76.7	76.6	183,300*	183,300*	159,600	170,400*	135,000	162,500*	22
24	75.0	76.1	166,100*	166,100*	132,300	154,300*	111,600	147,200*	24
26	73.2	75.4	141,800	151,700*	112,500	140,900*	94,600	134,300*	26
28	71.5	74.7	123,200	139,400*	97,400	129,400*	81,600	119,800	28
30	69.7	73.9	108,600	128,800*	85,500	119,500*	71,500	105,400	30
32	68.0	73.1	96,700	119,600*	75,900	106,700	63,300	93,800	32
34	66.2	72.1	87,000	111,500*	68,000	96,000	56,500	84,300	34
36	64.3	71.1	78,900	104,400*	61,400	87,100	50,800	76,300	36
38	62.5	70.0	71,900	95,800	55,800	79,500	46,000	69,500	38
40	60.6	68.9	66,000	88,100	51,000	72,900	41,800	63,700	40
45	55.6	65.5	54,100	72,900	41,300	60,000	33,500	52,100	45
50	50.4	61.5	45,300	61,600	34,100	50,300	27,400	43,500	50
55	44.6	56.6	38,400	52,800	28,600	42,900	22,600	36,800	55
60	38.2	50.5	32,900	45,800	24,100	36,900	18,700	31,500	60
65	30.6	42.6	28,400	40,100	20,400	32,000	15,500	27,100	65
70	20.3	31.1	24,500	35,200	17,200	27,800	12,700	23,300	70

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



80 Ft. Boom

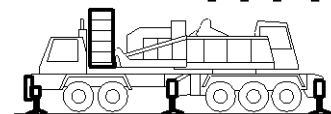


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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*	272,600*	272,600*	16
17	82.0	88.0	278,500*	278,500*	278,500*	278,500*	269,700*	269,700*	257,200*	257,200*	17
18	81.3	87.8	276,500*	276,500*	267,100*	267,100*	255,200*	255,200*	243,400*	243,400*	18
19	80.6	87.6	264,700*	264,700*	253,400*	253,400*	242,200*	242,200*	230,900*	230,900*	19
20	79.8	87.4	251,800*	251,800*	241,000*	241,000*	230,300*	230,300*	218,400*	218,400*	20
22	78.4	87.0	229,300*	229,300*	219,500*	219,500*	209,100*	209,100*	196,200*	196,200*	22
24	76.9	86.4	210,300*	210,300*	201,200*	201,200*	189,600*	189,600*	177,900*	177,900*	24
26	75.4	85.9	194,100*	194,100*	184,100*	184,100*	173,300*	173,300*	162,500*	162,500*	26
28	73.9	85.3	179,400*	179,400*	169,400*	169,400*	159,400*	159,400*	149,400*	149,400*	28
30	72.4	84.6	166,100*	166,100*	156,800*	156,800*	147,400*	147,400*	132,300*	138,100*	30
32	70.9	83.9	154,400*	154,400*	145,700*	145,700*	137,000*	137,000*	118,200	128,300*	32
34	69.3	83.1	144,200*	144,200*	136,100*	136,100*	125,600	127,900*	106,600	119,700*	34
36	67.8	82.2	135,200*	135,200*	127,500*	127,500*	114,300	119,800*	96,800	112,100*	36
38	66.2	81.3	127,200*	127,200*	119,900*	119,900*	104,700	112,600*	88,600	105,300*	38
40	64.6	80.3	119,900*	119,900*	111,400	113,000*	96,400	106,100*	81,400	99,200*	40
45	60.5	77.5	104,700*	104,700*	92,900	98,600*	80,100	92,500*	67,300	86,200	45
50	56.2	74.2	90,200	92,700*	79,000	87,200*	67,900	81,700*	56,800	73,200	50
55	51.7	70.3	78,200	82,800*	68,400	77,800*	58,500	72,800*	48,700	63,200	55
60	46.8	65.8	68,700	74,600*	59,900	70,000*	51,000	64,100	42,200	55,200	60
65	41.5	60.3	60,900	67,700*	52,900	63,500*	44,900	56,700	36,900	48,700	65
70	35.5	53.6	54,500	61,700*	47,100	57,800*	39,800	50,600	32,500	43,200	70
75	28.4	45.0	48,900	56,500*	42,200	52,200	35,400	45,400	28,700	38,500	75
80	18.8	32.6	44,100	51,900*	37,800	47,100	31,600	40,800	25,300	34,500	80

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



80 Ft. Boom



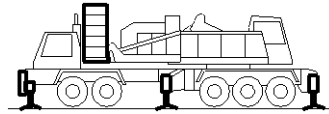
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	259,400*	259,400*	244,700*	244,700*	233,700*	233,700*	16
17	82.0	88.0	244,700*	244,700*	228,400*	228,400*	218,100*	218,100*	17
18	81.3	87.8	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	80.6	87.6	216,400*	216,400*	201,300*	201,300*	192,100*	192,100*	19
20	79.8	87.4	204,200*	204,200*	189,900*	189,900*	170,700	181,200*	20
22	78.4	87.0	183,300*	183,300*	160,800	170,400*	136,200	162,600*	22
24	76.9	86.4	166,100*	166,100*	133,300	154,300*	112,600	147,200*	24
26	75.4	85.9	142,700	151,700*	113,300	140,900*	95,500	134,300*	26
28	73.9	85.3	124,000	139,400*	98,200	129,400*	82,400	120,600	28
30	72.4	84.6	109,300	128,800*	86,200	119,500*	72,200	106,100	30
32	70.9	83.9	97,400	119,600*	76,600	107,300	63,900	94,500	32
34	69.3	83.1	87,600	111,500*	68,600	96,600	57,100	84,900	34
36	67.8	82.2	79,400	104,400*	62,000	87,600	51,300	76,900	36
38	66.2	81.3	72,400	96,300	56,300	80,000	46,500	70,000	38
40	64.6	80.3	66,400	88,600	51,400	73,400	42,300	64,200	40
45	60.5	77.5	54,500	73,300	41,800	60,400	34,000	52,500	45
50	56.2	74.2	45,700	62,000	34,600	50,800	27,800	43,900	50
55	51.7	70.3	38,800	53,200	29,000	43,300	23,000	37,200	55
60	46.8	65.8	33,400	46,300	24,500	37,400	19,100	31,900	60
65	41.5	60.3	28,900	40,600	20,900	32,500	16,000	27,600	65
70	35.5	53.6	25,100	35,800	17,800	28,400	13,300	23,900	70
75	28.4	45.0	21,900	31,700	15,200	24,900	11,000	20,800	75
80	18.8	32.6	19,100	28,200	12,800	21,800	9,000	18,000	80

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



90 Ft. Boom

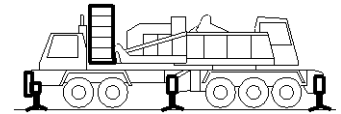


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	272,800*	272,800*	272,800*	272,800*	269,300*	269,300*	256,800*	256,800*	17
18	82.3	97.9	263,000*	263,000*	263,000*	263,000*	254,900*	254,900*	243,000*	243,000*	18
19	81.6	97.8	253,800*	253,800*	253,100*	253,100*	241,800*	241,800*	230,500*	230,500*	19
20	81.0	97.6	245,200*	245,200*	240,700*	240,700*	229,900*	229,900*	218,200*	218,200*	20
22	79.7	97.2	228,900*	228,900*	219,100*	219,100*	208,900*	208,900*	196,000*	196,000*	22
24	78.4	96.8	210,000*	210,000*	200,900*	200,900*	189,400*	189,400*	177,600*	177,600*	24
26	77.1	96.3	193,700*	193,700*	183,900*	183,900*	173,100*	173,100*	162,200*	162,200*	26
28	75.7	95.7	179,200*	179,200*	169,200*	169,200*	159,200*	159,200*	149,200*	149,200*	28
30	74.4	95.1	165,800*	165,800*	156,500*	156,500*	147,200*	147,200*	132,700	137,900*	30
32	73.1	94.5	154,200*	154,200*	145,500*	145,500*	136,800*	136,800*	118,500	128,100*	32
34	71.7	93.8	144,000*	144,000*	135,800*	135,800*	125,800	127,700*	106,900	119,500*	34
36	70.4	93.0	135,000*	135,000*	127,300*	127,300*	114,500	119,600*	97,100	111,900*	36
38	69.0	92.2	126,900*	126,900*	119,600*	119,600*	104,900	112,400*	88,800	105,100*	38
40	67.6	91.4	119,700*	119,700*	111,600	112,800*	96,600	105,900*	81,600	99,000*	40
45	64.1	89.0	104,500*	104,500*	93,000	98,400*	80,200	92,300*	67,400	86,200*	45
50	60.4	86.2	90,300	92,500*	79,100	87,000*	68,000	81,500*	56,900	73,300	50
55	56.6	82.9	78,300	82,600*	68,500	77,600*	58,600	72,700*	48,800	63,300	55
60	52.7	79.2	68,800	74,400*	59,900	69,900*	51,100	64,200	42,300	55,300	60
65	48.5	74.8	61,000	67,500*	53,000	63,300*	45,000	56,800	37,000	48,700	65
70	43.9	69.8	54,600	61,600*	47,200	57,700*	39,900	50,700	32,600	43,300	70
75	39.0	63.8	49,100	56,500*	42,300	52,300	35,600	45,500	28,800	38,700	75
80	33.4	56.6	44,400	51,900*	38,100	47,400	31,900	41,100	25,600	34,800	80
85	26.7	47.3	40,300	47,900*	34,400	43,100	28,600	37,200	22,800	31,300	85
90	17.6	34.1	36,600	44,300*	31,100	39,200	25,700	33,700	20,200	28,200	90

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



90 Ft. Boom



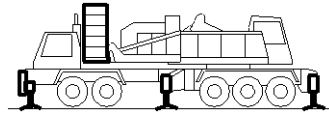
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	244,400*	244,400*	228,200*	228,200*	217,900*	217,900*	17
18	82.3	97.9	229,800*	229,800*	213,800*	213,800*	204,100*	204,100*	18
19	81.6	97.8	216,100*	216,100*	201,100*	201,100*	191,900*	191,900*	19
20	81.0	97.6	203,900*	203,900*	189,700*	189,700*	171,900	181,000*	20
22	79.7	97.2	183,100*	183,100*	161,700	170,200*	137,100	162,300*	22
24	78.4	96.8	165,900*	165,900*	134,000	154,100*	113,300	146,900*	24
26	77.1	96.3	143,200	151,400*	113,900	140,600*	96,100	134,000*	26
28	75.7	95.7	124,400	139,200*	98,600	129,200*	82,900	121,100	28
30	74.4	95.1	109,600	128,600*	86,600	119,300*	72,600	106,600	30
32	73.1	94.5	97,700	119,400*	76,900	107,700	64,200	94,800	32
34	71.7	93.8	87,900	111,300*	68,900	96,900	57,300	85,200	34
36	70.4	93.0	79,600	104,200*	62,200	87,900	51,600	77,100	36
38	69.0	92.2	72,600	96,500	56,500	80,200	46,700	70,300	38
40	67.6	91.4	66,600	88,800	51,600	73,600	42,500	64,400	40
45	64.1	89.0	54,700	73,500	41,900	60,500	34,100	52,700	45
50	60.4	86.2	45,800	62,100	34,700	50,900	27,900	44,000	50
55	56.6	82.9	38,900	53,300	29,100	43,400	23,100	37,300	55
60	52.7	79.2	33,400	46,300	24,600	37,400	19,200	32,000	60
65	48.5	74.8	29,000	40,700	21,000	32,600	16,100	27,600	65
70	43.9	69.8	25,200	35,900	17,900	28,500	13,400	24,000	70
75	39.0	63.8	22,100	31,900	15,300	25,100	11,200	20,900	75
80	33.4	56.6	19,300	28,400	13,100	22,100	9,300	18,300	80
85	26.7	47.3	16,900	25,400	11,100	19,500	7,500	15,900	85
90	17.6	34.1	14,700	22,700	9,300	17,200	5,900	13,800	90

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



100 Ft. Boom

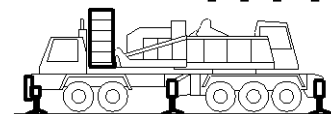


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	18
19	82.5	107.9	230,600*	230,600*	230,600*	230,600*	230,600*	230,600*	230,200*	230,200*	19
20	81.9	107.7	223,100*	223,100*	223,100*	223,100*	223,100*	223,100*	218,000*	218,000*	20
22	80.7	107.4	209,500*	209,500*	209,500*	209,500*	208,700*	208,700*	195,800*	195,800*	22
24	79.6	107.0	197,300*	197,300*	197,300*	197,300*	189,200*	189,200*	177,400*	177,400*	24
26	78.4	106.5	186,300*	186,300*	183,700*	183,700*	172,900*	172,900*	162,000*	162,000*	26
28	77.2	106.1	176,400*	176,400*	169,000*	169,000*	159,000*	159,000*	148,900*	148,900*	28
30	76.0	105.5	165,600*	165,600*	156,300*	156,300*	147,000*	147,000*	133,000	137,700*	30
32	74.8	105.0	154,000*	154,000*	145,300*	145,300*	136,600*	136,600*	118,800	127,900*	32
34	73.6	104.3	143,800*	143,800*	135,600*	135,600*	126,100	127,400*	107,100	119,300*	34
36	72.4	103.7	134,800*	134,800*	127,000*	127,000*	114,700	119,300*	97,300	111,600*	36
38	71.2	103.0	126,700*	126,700*	119,400*	119,400*	105,100	112,100*	88,900	104,800*	38
40	70.0	102.2	119,500*	119,500*	111,800	112,600*	96,800	105,700*	81,700	98,800*	40
45	66.9	100.1	104,300*	104,300*	93,100	98,200*	80,300	92,100*	67,500	86,000*	45
50	63.7	97.6	90,300	92,200*	79,200	86,700*	68,100	81,300*	56,900	73,400	50
55	60.4	94.8	78,300	82,400*	68,500	77,400*	58,600	72,400*	48,800	63,300	55
60	57.0	91.6	68,800	74,200*	60,000	69,700*	51,100	64,200	42,300	55,300	60
65	53.4	88.0	61,000	67,300*	53,000	63,100*	45,000	56,800	37,000	48,800	65
70	49.7	83.8	54,600	61,400*	47,200	57,500*	39,900	50,700	32,600	43,300	70
75	45.8	79.0	49,100	56,300*	42,400	52,400	35,600	45,500	28,800	38,700	75
80	41.5	73.5	44,400	51,800*	38,200	47,400	31,900	41,100	25,600	34,800	80
85	36.8	67.1	40,400	47,900*	34,500	43,200	28,700	37,300	22,900	31,400	85
90	31.5	59.3	36,800	44,300*	31,300	39,400	25,900	33,900	20,400	28,400	90
95	25.2	49.5	33,600	41,100*	28,500	36,000	23,300	30,900	18,200	25,700	95
100	16.6	35.4	30,700	37,900	25,800	33,000	21,000	28,100	16,100	23,200	100

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



100 Ft. Boom



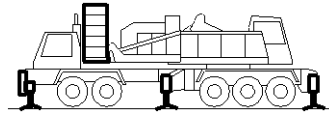
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	229,600*	229,600*	213,600*	213,600*	203,900*	203,900*	18
19	82.5	107.9	216,000*	216,000*	200,900*	200,900*	191,700*	191,700*	19
20	81.9	107.7	203,800*	203,800*	189,500*	189,500*	172,900	180,800*	20
22	80.7	107.4	182,900*	182,900*	162,500	170,000*	137,900	162,100*	22
24	79.6	107.0	165,700*	165,700*	134,700	153,900*	114,000	146,700*	24
26	78.4	106.5	143,800	151,200*	114,400	140,400*	96,600	133,800*	26
28	77.2	106.1	124,800	138,900*	99,000	128,900*	83,300	121,500	28
30	76.0	105.5	110,000	128,400*	86,900	119,100*	72,900	106,900	30
32	74.8	105.0	98,000	119,200*	77,200	108,000	64,500	95,100	32
34	73.6	104.3	88,100	111,100*	69,100	97,100	57,600	85,400	34
36	72.4	103.7	79,800	103,900*	62,400	88,100	51,800	77,300	36
38	71.2	103.0	72,800	96,700	56,700	80,400	46,800	70,400	38
40	70.0	102.2	66,700	88,900	51,700	73,700	42,600	64,500	40
45	66.9	100.1	54,700	73,500	42,000	60,600	34,200	52,800	45
50	63.7	97.6	45,800	62,100	34,700	50,900	27,900	44,100	50
55	60.4	94.8	38,900	53,400	29,100	43,400	23,100	37,400	55
60	57.0	91.6	33,400	46,400	24,600	37,400	19,200	32,000	60
65	53.4	88.0	29,000	40,700	21,000	32,600	16,100	27,700	65
70	49.7	83.8	25,200	35,900	17,900	28,500	13,400	24,000	70
75	45.8	79.0	22,100	31,900	15,300	25,100	11,200	21,000	75
80	41.5	73.5	19,400	28,500	13,100	22,200	9,300	18,300	80
85	36.8	67.1	17,000	25,500	11,200	19,600	7,600	16,000	85
90	31.5	59.3	14,900	22,900	9,500	17,400	6,100	14,000	90
95	25.2	49.5	13,000	20,500	7,900	15,300	4,800	12,200	95
100	16.6	35.4	11,300	18,300	6,400	13,400	3,500	10,500	100

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



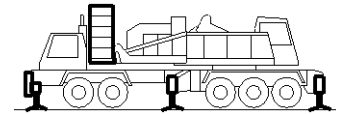
110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	20
22	81.6	117.5	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	22
24	80.5	117.2	183,500*	183,500*	183,500*	183,500*	183,500*	183,500*	177,100*	177,100*	24
26	79.5	116.8	173,700*	173,700*	173,700*	173,700*	172,500*	172,500*	161,700*	161,700*	26
28	78.4	116.3	164,800*	164,800*	164,800*	164,800*	158,600*	158,600*	148,600*	148,600*	28
30	77.3	115.9	156,700*	156,700*	156,000*	156,000*	146,700*	146,700*	133,200	137,400*	30
32	76.2	115.4	149,200*	149,200*	145,000*	145,000*	136,300*	136,300*	118,900	127,600*	32
34	75.2	114.8	142,400*	142,400*	135,300*	135,300*	126,200	127,100*	107,200	118,900*	34
36	74.1	114.2	134,400*	134,400*	126,700*	126,700*	114,800	119,000*	97,300	111,300*	36
38	73.0	113.6	126,400*	126,400*	119,100*	119,100*	105,100	111,800*	89,000	104,500*	38
40	71.9	112.9	119,200*	119,200*	111,800	112,200*	96,800	105,300*	81,700	98,400*	40
45	69.1	111.0	104,000*	104,000*	93,000	97,900*	80,200	91,700*	67,500	85,600*	45
50	66.3	108.8	90,200	91,900*	79,100	86,400*	68,000	80,900*	56,900	73,300	50
55	63.3	106.3	78,200	82,100*	68,400	77,100*	58,500	72,100*	48,700	63,200	55
60	60.4	103.5	68,700	73,900*	59,800	69,400*	51,000	64,100	42,200	55,200	60
65	57.3	100.3	60,900	67,000*	52,900	62,800*	44,900	56,700	36,900	48,600	65
70	54.1	96.7	54,400	61,100*	47,100	57,200*	39,800	50,600	32,400	43,200	70
75	50.7	92.7	49,000	56,000*	42,200	52,200	35,500	45,400	28,700	38,600	75
80	47.2	88.2	44,300	51,600*	38,000	47,300	31,800	41,000	25,500	34,700	80
85	43.5	83.0	40,300	47,600*	34,400	43,000	28,600	37,200	22,700	31,300	85
90	39.4	77.1	36,700	44,100*	31,200	39,300	25,800	33,800	20,300	28,300	90
95	35.0	70.2	33,600	41,000*	28,400	36,000	23,300	30,800	18,100	25,600	95
100	30.0	61.9	30,700	37,900	25,900	33,000	21,000	28,200	16,200	23,300	100
105	24.0	51.6	28,200	35,000	23,600	30,400	19,000	25,700	14,400	21,100	105
110	15.8	36.7	25,800	32,300	21,500	27,900	17,100	23,500	12,800	19,100	110

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



110 Ft. Boom



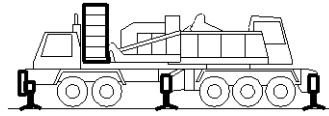
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	203,500*	203,500*	189,200*	189,200*	173,800	180,500*	20
22	81.6	117.5	182,600*	182,600*	163,100	169,700*	138,600	161,800*	22
24	80.5	117.2	165,300*	165,300*	135,100	153,600*	114,400	146,400*	24
26	79.5	116.8	144,100	150,900*	114,800	140,100*	96,900	133,500*	26
28	78.4	116.3	125,100	138,600*	99,300	128,600*	83,600	121,800	28
30	77.3	115.9	110,200	128,000*	87,100	118,700*	73,100	107,100	30
32	76.2	115.4	98,100	118,800*	77,300	108,100	64,600	95,300	32
34	75.2	114.8	88,200	110,800*	69,200	97,200	57,700	85,500	34
36	74.1	114.2	79,900	103,600*	62,500	88,100	51,800	77,400	36
38	73.0	113.6	72,800	96,700	56,700	80,400	46,900	70,500	38
40	71.9	112.9	66,700	88,900	51,700	73,800	42,600	64,500	40
45	69.1	111.0	54,700	73,500	41,900	60,600	34,100	52,700	45
50	66.3	108.8	45,700	62,100	34,600	50,800	27,800	44,000	50
55	63.3	106.3	38,800	53,300	29,000	43,300	23,000	37,300	55
60	60.4	103.5	33,300	46,200	24,500	37,300	19,100	31,900	60
65	57.3	100.3	28,800	40,500	20,800	32,500	15,900	27,500	65
70	54.1	96.7	25,100	35,800	17,800	28,400	13,300	23,900	70
75	50.7	92.7	22,000	31,800	15,200	25,000	11,100	20,800	75
80	47.2	88.2	19,300	28,400	13,000	22,100	9,200	18,200	80
85	43.5	83.0	16,900	25,400	11,100	19,500	7,500	15,900	85
90	39.4	77.1	14,800	22,800	9,400	17,300	6,000	13,900	90
95	35.0	70.2	13,000	20,500	7,900	15,300	4,700	12,100	95
100	30.0	61.9	11,300	18,400	6,500	13,500	3,500	10,500	100
105	24.0	51.6	9,800	16,500	5,200	11,900	2,400	9,100	105
110	15.8	36.7	8,400	14,700	4,100	10,300		7,700	110

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



120 Ft. Boom

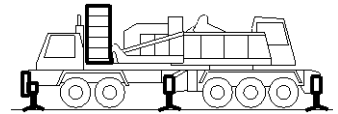


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	22
24	81.3	127.3	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	24
26	80.3	127.0	166,700*	166,700*	166,700*	166,700*	166,700*	166,700*	162,000*	162,000*	26
28	79.4	126.6	157,900*	157,900*	157,900*	157,900*	157,900*	157,900*	148,900*	148,900*	28
30	78.4	126.1	149,800*	149,800*	149,800*	149,800*	146,900*	146,900*	133,800	137,600*	30
32	77.4	125.7	142,400*	142,400*	142,400*	142,400*	136,500*	136,500*	119,500	127,800*	32
34	76.4	125.2	135,600*	135,600*	135,500*	135,500*	126,700	127,400*	107,700	119,200*	34
36	75.4	124.6	129,400*	129,400*	127,000*	127,000*	115,300	119,300*	97,800	111,600*	36
38	74.4	124.0	123,600*	123,600*	119,400*	119,400*	105,600	112,100*	89,400	104,800*	38
40	73.4	123.4	118,200*	118,200*	112,200	112,500*	97,200	105,600*	82,200	98,700*	40
45	70.9	121.7	104,300*	104,300*	93,500	98,100*	80,700	92,000*	67,900	85,900*	45
50	68.4	119.7	90,700	92,200*	79,500	86,700*	68,400	81,200*	57,300	73,700	50
55	65.7	117.5	78,600	82,400*	68,800	77,400*	58,900	72,400*	49,100	63,600	55
60	63.1	115.0	69,100	74,200*	60,300	69,700*	51,400	64,500	42,600	55,600	60
65	60.3	112.2	61,300	67,300*	53,300	63,100*	45,300	57,100	37,300	49,000	65
70	57.5	109.0	54,800	61,400*	47,500	57,500*	40,200	51,000	32,900	43,600	70
75	54.6	105.5	49,400	56,300*	42,600	52,600	35,900	45,800	29,100	39,000	75
80	51.6	101.6	44,700	51,900*	38,500	47,700	32,200	41,400	25,900	35,100	80
85	48.4	97.2	40,700	48,000*	34,800	43,500	29,000	37,600	23,200	31,700	85
90	45.0	92.3	37,100	44,500*	31,700	39,800	26,200	34,200	20,700	28,700	90
95	41.5	86.8	34,000	41,300*	28,900	36,500	23,700	31,300	18,600	26,100	95
100	37.6	80.5	31,200	38,400	26,400	33,500	21,500	28,700	16,700	23,800	100
105	33.4	73.1	28,700	35,500	24,100	30,900	19,600	26,300	15,000	21,700	105
110	28.6	64.4	26,500	32,900	22,100	28,500	17,800	24,100	13,400	19,700	110
115	22.9	53.5	24,400	30,500	20,200	26,300	16,100	22,200	11,900	18,000	115
120	15.1	38.0	22,400	28,300	18,500	24,300	14,500	20,300	10,600	16,300	120

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



120 Ft. Boom

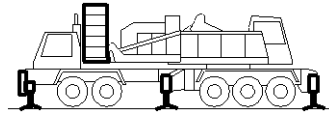
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	182,800*	182,800*	163,900	169,900*	139,300	162,100*	22
24	81.3	127.3	165,600*	165,600*	135,800	153,800*	115,100	146,700*	24
26	80.3	127.0	144,700	151,200*	115,400	140,300*	97,500	133,800*	26
28	79.4	126.6	125,700	138,900*	99,900	128,900*	84,100	122,400	28
30	78.4	126.1	110,700	128,300*	87,700	119,000*	73,600	107,700	30
32	77.4	125.7	98,600	119,100*	77,800	108,600	65,200	95,800	32
34	76.4	125.2	88,700	111,000*	69,700	97,700	58,200	86,000	34
36	75.4	124.6	80,400	103,900*	62,900	88,600	52,300	77,900	36
38	74.4	124.0	73,300	97,200	57,200	80,900	47,300	70,900	38
40	73.4	123.4	67,200	89,400	52,200	74,200	43,100	65,000	40
45	70.9	121.7	55,100	73,900	42,400	61,000	34,600	53,200	45
50	68.4	119.7	46,200	62,500	35,000	51,300	28,300	44,400	50
55	65.7	117.5	39,200	53,700	29,400	43,700	23,400	37,700	55
60	63.1	115.0	33,700	46,700	24,900	37,700	19,500	32,300	60
65	60.3	112.2	29,300	41,000	21,200	32,900	16,400	27,900	65
70	57.5	109.0	25,500	36,200	18,200	28,800	13,700	24,300	70
75	54.6	105.5	22,400	32,200	15,600	25,400	11,500	21,300	75
80	51.6	101.6	19,700	28,800	13,400	22,500	9,600	18,600	80
85	48.4	97.2	17,300	25,800	11,500	19,900	7,900	16,400	85
90	45.0	92.3	15,300	23,200	9,800	17,700	6,500	14,400	90
95	41.5	86.8	13,500	20,900	8,300	15,700	5,200	12,600	95
100	37.6	80.5	11,800	18,900	7,000	14,000	4,000	11,000	100
105	33.4	73.1	10,400	17,000	5,800	12,400	3,000	9,600	105
110	28.6	64.4	9,000	15,400	4,700	11,000	2,000	8,300	110
115	22.9	53.5	7,800	13,800	3,600	9,600		7,100	115
120	15.1	38.0	6,600	12,300	2,700	8,400		5,900	120

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



130 Ft. Boom

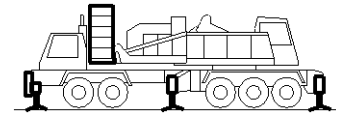


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	22
24	82.0	137.5	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	24
26	81.1	137.1	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	26
28	80.2	136.8	150,400*	150,400*	150,400*	150,400*	150,400*	150,400*	148,600*	148,600*	28
30	79.3	136.4	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	133,900	137,300*	30
32	78.4	135.9	136,900*	136,900*	136,900*	136,900*	136,200*	136,200*	119,600	127,500*	32
34	77.5	135.5	130,800*	130,800*	130,800*	130,800*	126,700	127,000*	107,700	118,900*	34
36	76.6	135.0	124,700*	124,700*	124,700*	124,700*	115,300	118,900*	97,800	111,200*	36
38	75.7	134.4	118,900*	118,900*	118,900*	118,900*	105,500	111,700*	89,400	104,400*	38
40	74.8	133.9	113,600*	113,600*	112,200*	112,200*	97,200	105,300*	82,200	98,300*	40
45	72.5	132.3	101,800*	101,800*	93,400	97,800*	80,600	91,700*	67,800	85,500*	45
50	70.1	130.5	90,500	91,800*	79,400	86,300*	68,300	80,900*	57,200	73,600	50
55	67.7	128.5	78,500	82,000*	68,600	77,000*	58,800	72,100*	48,900	63,500	55
60	65.3	126.2	68,900	73,900*	60,100	69,300*	51,200	64,300	42,400	55,400	60
65	62.8	123.6	61,100	67,000*	53,100	62,800*	45,100	56,900	37,100	48,800	65
70	60.3	120.8	54,600	61,100*	47,300	57,200*	40,000	50,800	32,600	43,400	70
75	57.7	117.7	49,200	56,000*	42,400	52,400*	35,700	45,600	28,900	38,800	75
80	55.0	114.2	44,500	51,500*	38,200	47,500	32,000	41,200	25,700	34,900	80
85	52.2	110.4	40,500	47,600*	34,600	43,200	28,800	37,400	22,900	31,500	85
90	49.4	106.2	36,900	44,100*	31,500	39,500	26,000	34,000	20,500	28,500	90
95	46.3	101.5	33,800	41,000*	28,700	36,200	23,500	31,100	18,400	25,900	95
100	43.1	96.2	31,000	38,200*	26,200	33,300	21,300	28,400	16,500	23,500	100
105	39.7	90.3	28,500	35,300	23,900	30,700	19,300	26,100	14,800	21,500	105
110	36.1	83.7	26,300	32,700	21,900	28,300	17,600	24,000	13,200	19,600	110
115	32.0	76.0	24,200	30,400	20,100	26,200	15,900	22,000	11,800	17,800	115
120	27.4	66.8	22,400	28,200	18,400	24,200	14,400	20,200	10,500	16,300	120
125	21.9	55.4	20,600	26,200	16,800	22,400	13,100	18,600	9,300	14,800	125
130	14.4	39.1	19,000	24,300	15,400	20,700	11,700	17,000	8,100	13,400	130

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



130 Ft. Boom

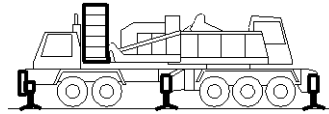
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	175,600*	175,600*	164,500	169,600*	139,900	161,800*	22
24	82.0	137.5	165,300*	165,300*	136,200	153,500*	115,500	146,400*	24
26	81.1	137.1	145,000	150,800*	115,700	140,000*	97,800	133,500*	26
28	80.2	136.8	125,900	138,600*	100,100	128,500*	84,400	122,500*	28
30	79.3	136.4	110,900	128,000*	87,800	118,700*	73,800	107,800	30
32	78.4	135.9	98,700	118,800*	77,900	108,800	65,300	95,900	32
34	77.5	135.5	88,800	110,700*	69,800	97,800	58,200	86,100	34
36	76.6	135.0	80,400	103,500*	63,000	88,600	52,300	77,900	36
38	75.7	134.4	73,300	97,200*	57,200	80,900	47,300	70,900	38
40	74.8	133.9	67,200	89,400	52,200	74,200	43,000	64,900	40
45	72.5	132.3	55,000	73,800	42,300	60,900	34,500	53,100	45
50	70.1	130.5	46,000	62,400	34,900	51,100	28,100	44,300	50
55	67.7	128.5	39,100	53,500	29,200	43,600	23,200	37,500	55
60	65.3	126.2	33,600	46,500	24,700	37,600	19,300	32,100	60
65	62.8	123.6	29,100	40,800	21,000	32,700	16,200	27,700	65
70	60.3	120.8	25,300	36,000	18,000	28,600	13,500	24,100	70
75	57.7	117.7	22,200	32,000	15,400	25,200	11,300	21,000	75
80	55.0	114.2	19,400	28,600	13,200	22,300	9,400	18,400	80
85	52.2	110.4	17,100	25,600	11,300	19,700	7,700	16,100	85
90	49.4	106.2	15,100	23,000	9,600	17,500	6,300	14,100	90
95	46.3	101.5	13,200	20,700	8,100	15,500	5,000	12,400	95
100	43.1	96.2	11,600	18,700	6,800	13,800	3,800	10,800	100
105	39.7	90.3	10,200	16,800	5,600	12,200	2,800	9,400	105
110	36.1	83.7	8,800	15,200	4,500	10,800		8,100	110
115	32.0	76.0	7,600	13,700	3,500	9,500		6,900	115
120	27.4	66.8	6,500	12,300	2,600	8,300		5,900	120
125	21.9	55.4	5,500	11,000		7,200		4,800	125
130	14.4	39.1	4,500	9,700		6,100		3,900	130

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



140 Ft. Boom

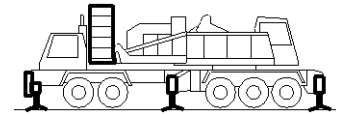


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	24
26	81.7	147.3	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	26
28	80.9	146.9	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	28
30	80.1	146.6	136,400*	136,400*	136,400*	136,400*	136,400*	136,400*	133,900	136,400*	30
32	79.2	146.2	130,000*	130,000*	130,000*	130,000*	130,000*	130,000*	119,500	127,000*	32
34	78.4	145.7	124,000*	124,000*	124,000*	124,000*	124,000*	124,000*	107,700	118,400*	34
36	77.6	145.3	118,500*	118,500*	118,500*	118,500*	115,200	118,500*	97,700	110,800*	36
38	76.7	144.8	113,100*	113,100*	113,100*	113,100*	105,400	111,300*	89,300	104,000*	38
40	75.9	144.3	107,900*	107,900*	107,900*	107,900*	97,000	104,800*	82,000	97,900*	40
45	73.7	142.8	96,400*	96,400*	93,100	96,400*	80,400	91,200*	67,600	85,100*	45
50	71.6	141.2	86,800*	86,800*	79,100	85,900*	68,000	80,400*	56,900	73,400	50
55	69.4	139.3	78,200	78,500*	68,400	76,600*	58,500	71,600*	48,700	63,200	55
60	67.2	137.2	68,600	71,400*	59,800	68,800*	50,900	64,000	42,100	55,100	60
65	64.9	134.9	60,800	65,200*	52,800	62,300*	44,800	56,600	36,800	48,500	65
70	62.6	132.3	54,300	59,700*	47,000	56,700*	39,600	50,500	32,300	43,100	70
75	60.3	129.5	48,800	54,800*	42,100	51,900*	35,300	45,300	28,600	38,500	75
80	57.9	126.4	44,200	50,400*	37,900	47,200	31,600	40,900	25,400	34,500	80
85	55.4	122.9	40,100	46,500*	34,300	42,900	28,400	37,000	22,600	31,100	85
90	52.8	119.2	36,600	42,900*	31,100	39,200	25,600	33,700	20,200	28,200	90
95	50.2	115.1	33,400	39,700*	28,300	35,900	23,200	30,700	18,000	25,500	95
100	47.4	110.5	30,700	36,800*	25,800	33,000	21,000	28,100	16,100	23,200	100
105	44.5	105.5	28,200	34,100*	23,600	30,400	19,000	25,700	14,400	21,100	105
110	41.5	100.0	25,900	31,700*	21,600	28,000	17,200	23,600	12,900	19,200	110
115	38.2	93.8	23,900	29,400*	19,800	25,900	15,600	21,700	11,500	17,500	115
120	34.7	86.8	22,100	27,300*	18,100	23,900	14,100	19,900	10,200	16,000	120
125	30.8	78.7	20,400	25,300*	16,600	22,100	12,800	18,300	9,000	14,500	125
130	26.4	69.1	18,800	23,500*	15,200	20,500	11,500	16,800	7,900	13,200	130
135	21.1	57.2	17,300	21,800*	13,800	18,900	10,400	15,400	6,900	11,900	135
140	13.9	40.3	15,900	20,200*	12,600	17,500	9,200	14,100	5,900	10,700	140

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



140 Ft. Boom



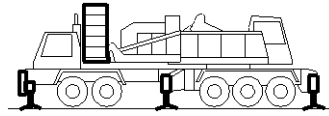
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	159,100*	159,100*	136,500	153,100*	115,800	145,900*	24
26	81.7	147.3	145,200	150,400*	115,900	139,600*	98,000	133,000*	26
28	80.9	146.9	126,000	138,100*	100,200	128,100*	84,500	122,000*	28
30	80.1	146.6	110,900	127,500*	87,900	118,200*	73,800	107,900	30
32	79.2	146.2	98,700	118,300*	77,900	108,800	65,200	95,900	32
34	78.4	145.7	88,700	110,200*	69,700	97,800	58,200	86,000	34
36	77.6	145.3	80,300	103,100*	62,900	88,600	52,200	77,800	36
38	76.7	144.8	73,100	96,700*	57,000	80,700	47,200	70,800	38
40	75.9	144.3	67,000	89,200	52,000	74,000	42,900	64,800	40
45	73.7	142.8	54,800	73,600	42,000	60,700	34,300	52,900	45
50	71.6	141.2	45,800	62,100	34,700	50,900	27,900	44,000	50
55	69.4	139.3	38,800	53,200	29,000	43,300	23,000	37,200	55
60	67.2	137.2	33,300	46,200	24,400	37,300	19,000	31,800	60
65	64.9	134.9	28,700	40,400	20,700	32,400	15,800	27,400	65
70	62.6	132.3	25,000	35,700	17,700	28,300	13,200	23,800	70
75	60.3	129.5	21,800	31,700	15,100	24,900	10,900	20,700	75
80	57.9	126.4	19,100	28,200	12,800	21,900	9,000	18,100	80
85	55.4	122.9	16,800	25,300	10,900	19,400	7,400	15,800	85
90	52.8	119.2	14,700	22,700	9,200	17,100	5,900	13,800	90
95	50.2	115.1	12,900	20,400	7,700	15,200	4,600	12,000	95
100	47.4	110.5	11,300	18,300	6,400	13,400	3,500	10,500	100
105	44.5	105.5	9,800	16,500	5,200	11,900	2,400	9,000	105
110	41.5	100.0	8,500	14,800	4,200	10,400		7,800	110
115	38.2	93.8	7,300	13,300	3,200	9,200		6,600	115
120	34.7	86.8	6,200	12,000	2,300	8,000		5,600	120
125	30.8	78.7	5,200	10,700		6,900		4,600	125
130	26.4	69.1	4,300	9,500		5,900		3,700	130
135	21.1	57.2	3,400	8,400		4,900		2,800	135
140	13.9	40.3	2,500	7,400		4,000		2,000	140

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



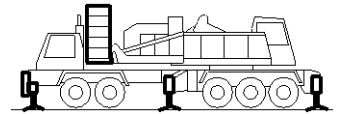
150 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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*	160,700*	160,700*	26
28	81.5	157.1	155,100*	155,100*	155,100*	155,100*	155,100*	155,100*	147,600*	147,600*	28
30	80.7	156.7	147,300*	147,300*	147,300*	147,300*	145,600*	145,600*	134,000	136,300*	30
32	80.0	156.4	138,100*	138,100*	138,100*	138,100*	135,200*	135,200*	119,500	126,500*	32
34	79.2	156.0	130,100*	130,100*	130,100*	130,100*	126,100*	126,100*	107,600	117,900*	34
36	78.4	155.5	123,100*	123,100*	123,100*	123,100*	115,100	118,000*	97,600	110,300*	36
38	77.6	155.1	116,800*	116,800*	116,800*	116,800*	105,300	110,700*	89,100	103,500*	38
40	76.8	154.6	111,200*	111,200*	111,200*	111,200*	96,800	104,300*	81,800	97,400*	40
45	74.9	153.2	99,400*	99,400*	92,900	96,800*	80,100	90,700*	67,300	84,500*	45
50	72.9	151.7	90,000*	90,000*	78,800	85,300*	67,700	79,800*	56,600	73,100	50
55	70.8	150.0	77,900	81,000*	68,000	76,000*	58,200	71,000*	48,300	62,800	55
60	68.8	148.1	68,200	72,800*	59,400	68,300*	50,600	63,700	41,700	54,700	60
65	66.7	145.9	60,400	65,900*	52,400	61,700*	44,400	56,200	36,400	48,100	65
70	64.6	143.6	53,900	60,100*	46,600	56,200*	39,200	50,100	31,900	42,700	70
75	62.5	141.0	48,400	55,000*	41,600	51,300*	34,900	44,900	28,100	38,000	75
80	60.3	138.1	43,700	50,500*	37,400	46,700	31,200	40,400	24,900	34,100	80
85	58.0	135.0	39,700	46,600*	33,800	42,400	28,000	36,600	22,100	30,700	85
90	55.7	131.7	36,100	43,100*	30,600	38,700	25,200	33,200	19,700	27,700	90
95	53.3	128.0	33,000	40,000*	27,800	35,400	22,700	30,200	17,600	25,100	95
100	50.9	123.9	30,200	37,200*	25,300	32,500	20,500	27,600	15,600	22,700	100
105	48.3	119.6	27,700	34,500	23,100	29,900	18,500	25,300	13,900	20,600	105
110	45.7	114.7	25,500	31,900	21,100	27,500	16,800	23,100	12,400	18,700	110
115	42.9	109.5	23,400	29,600	19,300	25,400	15,100	21,200	11,000	17,000	115
120	40.0	103.6	21,600	27,400	17,600	23,500	13,700	19,500	9,700	15,500	120
125	36.8	97.1	19,900	25,500	16,100	21,700	12,300	17,900	8,500	14,100	125
130	33.4	89.7	18,300	23,700	14,700	20,000	11,100	16,400	7,500	12,700	130
135	29.7	81.3	16,900	22,000	13,400	18,500	9,900	15,000	6,500	11,500	135
140	25.4	71.3	15,500	20,500	12,200	17,100	8,900	13,800	5,500	10,400	140
145	20.3	58.9	14,300	19,000	11,100	15,800	7,800	12,500	4,600	9,300	145
150	13.4	41.4	13,100	17,600	10,000	14,500	6,900	11,400	3,800	8,300	150

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



150 Ft. Boom



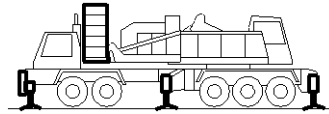
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	145,500	149,900*	116,200	139,100*	26
28	81.5	157.1	126,200	137,600*	100,400	127,600*	28
30	80.7	156.7	111,000	127,000*	87,900	117,700*	30
32	80.0	156.4	98,700	117,800*	77,900	108,800	32
34	79.2	156.0	88,600	109,700*	69,700	97,700	34
36	78.4	155.5	80,200	102,600*	62,800	88,500	36
38	77.6	155.1	73,000	96,200*	56,900	80,600	38
40	76.8	154.6	66,800	89,000	51,800	73,800	40
45	74.9	153.2	54,600	73,400	41,800	60,500	45
50	72.9	151.7	45,500	61,800	34,300	50,600	50
55	70.8	150.0	38,500	52,900	28,600	43,000	55
60	68.8	148.1	32,900	45,800	24,000	36,900	60
65	66.7	145.9	28,300	40,100	20,300	32,000	65
70	64.6	143.6	24,600	35,300	17,200	27,900	70
75	62.5	141.0	21,400	31,200	14,600	24,400	75
80	60.3	138.1	18,700	27,800	12,400	21,500	80
85	58.0	135.0	16,300	24,800	10,500	18,900	85
90	55.7	131.7	14,200	22,200	8,800	16,700	90
95	53.3	128.0	12,400	19,900	7,300	14,700	95
100	50.9	123.9	10,800	17,800	5,900	13,000	100
105	48.3	119.6	9,300	16,000	4,800	11,400	105
110	45.7	114.7	8,000	14,400	3,700	10,000	110
115	42.9	109.5	6,800	12,900	2,700	8,700	115
120	40.0	103.6	5,800	11,500		7,500	120
125	36.8	97.1	4,800	10,200		6,400	125
130	33.4	89.7	3,800	9,100		5,400	130
135	29.7	81.3	3,000	8,000		4,500	135
140	25.4	71.3	2,200	7,000		3,700	140
145	20.3	58.9		6,100		2,800	145
150	13.4	41.4		5,100		2,000	150

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



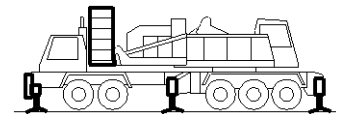
160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	26
28	82.1	167.2	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	28
30	81.3	166.9	138,800*	138,800*	138,800*	138,800*	138,800*	138,800*	133,900	135,800*	30
32	80.6	166.5	134,100*	134,100*	134,100*	134,100*	134,100*	134,100*	119,400	126,000*	32
34	79.9	166.2	127,500*	127,500*	127,500*	127,500*	125,600*	125,600*	107,500	117,400*	34
36	79.1	165.8	120,500*	120,500*	120,500*	120,500*	114,900	117,500*	97,400	109,800*	36
38	78.4	165.3	114,400*	114,400*	114,400*	114,400*	105,000	110,200*	88,900	103,000*	38
40	77.7	164.9	108,800*	108,800*	108,800*	108,800*	96,600	103,800*	81,600	96,900*	40
45	75.8	163.6	97,200*	97,200*	92,600	96,300*	79,800	90,200*	67,100	84,100*	45
50	74.0	162.2	88,000*	88,000*	78,500	84,800*	67,400	79,400*	56,300	72,700	50
55	72.1	160.6	77,500	80,200*	67,700	75,500*	57,800	70,500*	48,000	62,500	55
60	70.2	158.8	67,900	72,300*	59,000	67,800*	50,200	63,200*	41,400	54,400	60
65	68.3	156.8	60,000	65,500*	52,000	61,300*	44,000	55,900	36,000	47,800	65
70	66.3	154.6	53,500	59,600*	46,200	55,700*	38,900	49,700	31,500	42,300	70
75	64.3	152.2	48,000	54,500*	41,300	50,900*	34,500	44,500	27,800	37,700	75
80	62.3	149.6	43,300	50,000*	37,100	46,300	30,800	40,000	24,500	33,700	80
85	60.2	146.8	39,300	46,100*	33,400	42,100	27,600	36,200	21,700	30,300	85
90	58.1	143.7	35,700	42,600*	30,200	38,300	24,800	32,800	19,300	27,300	90
95	56.0	140.4	32,600	39,500*	27,400	35,000	22,300	29,800	17,200	24,700	95
100	53.8	136.7	29,800	36,700*	24,900	32,100	20,100	27,200	15,200	22,300	100
105	51.5	132.8	27,300	34,100	22,700	29,500	18,100	24,900	13,500	20,200	105
110	49.1	128.5	25,100	31,500	20,700	27,100	16,300	22,700	12,000	18,300	110
115	46.7	123.9	23,000	29,200	18,900	25,000	14,700	20,800	10,600	16,600	115
120	44.1	118.8	21,200	27,000	17,200	23,100	13,300	19,100	9,300	15,100	120
125	41.5	113.2	19,500	25,100	15,700	21,300	11,900	17,500	8,200	13,700	125
130	38.6	107.1	18,000	23,300	14,300	19,700	10,700	16,000	7,100	12,400	130
135	35.6	100.3	16,500	21,700	13,000	18,200	9,600	14,700	6,100	11,200	135
140	32.3	92.6	15,200	20,100	11,800	16,800	8,500	13,400	5,200	10,000	140
145	28.7	83.8	14,000	18,700	10,700	15,500	7,500	12,200	4,300	9,000	145
150	24.6	73.5	12,800	17,400	9,700	14,200	6,600	11,100	3,500	8,000	150
155	19.6	60.6	11,700	16,100	8,700	13,100	5,700	10,100	2,700	7,100	155
160	12.9	42.5	10,600	14,900	7,700	12,000	4,800	9,100		6,200	160

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



160 Ft. Boom



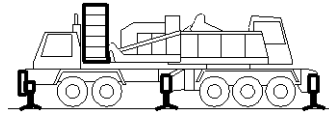
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
26	82.8	167.5	145,500	149,100*
28	82.1	167.2	126,100	137,100*
30	81.3	166.9	110,900	126,500*
32	80.6	166.5	98,600	117,300*
34	79.9	166.2	88,500	109,200*
36	79.1	165.8	80,000	102,100*
38	78.4	165.3	72,800	95,700*
40	77.7	164.9	66,600	88,800
45	75.8	163.6	54,300	73,100
50	74.0	162.2	45,200	61,500
55	72.1	160.6	38,100	52,600
60	70.2	158.8	32,500	45,500
65	68.3	156.8	28,000	39,700
70	66.3	154.6	24,200	34,900
75	64.3	152.2	21,000	30,800
80	62.3	149.6	18,300	27,400
85	60.2	146.8	15,900	24,400
90	58.1	143.7	13,800	21,800
95	56.0	140.4	12,000	19,500
100	53.8	136.7	10,400	17,400
105	51.5	132.8	8,900	15,600
110	49.1	128.5	7,600	14,000
115	46.7	123.9	6,400	12,500
120	44.1	118.8	5,400	11,100
125	41.5	113.2	4,400	9,900
130	38.6	107.1	3,500	8,700
135	35.6	100.3	2,600	7,600
140	32.3	92.6		6,700
145	28.7	83.8		5,700
150	24.6	73.5		4,900
155	19.6	60.6		4,000
160	12.9	42.5		3,200

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



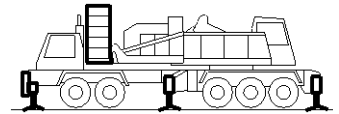
170 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	28
30	81.8	177.0	140,600*	140,600*	140,600*	140,600*	140,600*	140,600*	134,100	136,100*	30
32	81.2	176.7	132,200*	132,200*	132,200*	132,200*	132,200*	132,200*	119,600	126,300*	32
34	80.5	176.3	124,400*	124,400*	124,400*	124,400*	124,400*	124,400*	107,600	117,600*	34
36	79.8	176.0	117,500*	117,500*	117,500*	117,500*	115,100	117,500*	97,600	110,000*	36
38	79.1	175.6	111,400*	111,400*	111,400*	111,400*	105,200	110,500*	89,100	103,200*	38
40	78.4	175.1	106,000*	106,000*	106,000*	106,000*	96,800	104,000*	81,800	97,100*	40
45	76.7	174.0	94,500*	94,500*	92,800	94,500*	80,000	90,400*	67,300	84,300*	45
50	74.9	172.6	85,400*	85,400*	78,700	85,100*	67,600	79,600*	56,500	73,000	50
55	73.2	171.1	77,700	77,900*	67,900	75,800*	58,000	70,800*	48,200	62,700	55
60	71.4	169.4	68,100	71,700*	59,300	68,000*	50,400	63,500*	41,600	54,600	60
65	69.6	167.6	60,300	65,700*	52,200	61,500*	44,200	56,100	36,200	48,000	65
70	67.8	165.6	53,800	59,800*	46,400	55,900*	39,100	49,900	31,800	42,500	70
75	65.9	163.3	48,300	54,700*	41,500	51,100*	34,700	44,700	28,000	37,900	75
80	64.1	160.9	43,600	50,300*	37,300	46,600	31,000	40,300	24,800	34,000	80
85	62.2	158.3	39,500	46,400*	33,700	42,300	27,800	36,400	22,000	30,500	85
90	60.2	155.5	36,000	42,900*	30,500	38,600	25,000	33,100	19,600	27,600	90
95	58.3	152.4	32,800	39,800*	27,700	35,300	22,600	30,100	17,400	24,900	95
100	56.2	149.1	30,100	37,000*	25,200	32,400	20,400	27,500	15,500	22,600	100
105	54.2	145.5	27,600	34,400	23,000	29,800	18,400	25,100	13,800	20,500	105
110	52.0	141.6	25,300	31,800	21,000	27,400	16,600	23,000	12,300	18,600	110
115	49.8	137.4	23,300	29,500	19,200	25,300	15,000	21,100	10,900	16,900	115
120	47.6	132.9	21,500	27,300	17,500	23,300	13,600	19,400	9,600	15,400	120
125	45.2	128.0	19,800	25,400	16,000	21,600	12,200	17,800	8,400	14,000	125
130	42.7	122.7	18,300	23,600	14,600	20,000	11,000	16,300	7,400	12,700	130
135	40.1	116.8	16,800	22,000	13,400	18,500	9,900	15,000	6,400	11,500	135
140	37.4	110.4	15,500	20,400	12,200	17,100	8,800	13,700	5,500	10,400	140
145	34.5	103.3	14,300	19,000	11,100	15,800	7,900	12,600	4,600	9,300	145
150	31.3	95.4	13,100	17,700	10,000	14,600	6,900	11,500	3,800	8,400	150
155	27.8	86.2	12,100	16,500	9,100	13,500	6,100	10,500	3,100	7,400	155
160	23.8	75.5	11,100	15,300	8,200	12,400	5,300	9,500	2,400	6,600	160
165	19.0	62.2	10,100	14,200	7,300	11,400	4,500	8,600		5,800	165
170	12.5	43.5	9,200	13,200	6,500	10,400	3,700	7,700		5,000	170

Liftcrane Boom Capacities

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

Meets
 ANSI B30.5
 Requirements



170 Ft. Boom

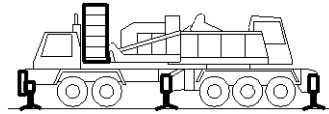
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
28	82.5	177.3	126,300	137,400*
30	81.8	177.0	111,100	126,800*
32	81.2	176.7	98,800	117,600*
34	80.5	176.3	88,700	109,500*
36	79.8	176.0	80,200	102,300*
38	79.1	175.6	73,000	95,900*
40	78.4	175.1	66,800	89,000
45	76.7	174.0	54,500	73,300
50	74.9	172.6	45,400	61,700
55	73.2	171.1	38,300	52,800
60	71.4	169.4	32,800	45,700
65	69.6	167.6	28,200	39,900
70	67.8	165.6	24,400	35,100
75	65.9	163.3	21,200	31,100
80	64.1	160.9	18,500	27,600
85	62.2	158.3	16,200	24,700
90	60.2	155.5	14,100	22,000
95	58.3	152.4	12,300	19,700
100	56.2	149.1	10,700	17,700
105	54.2	145.5	9,200	15,900
110	52.0	141.6	7,900	14,200
115	49.8	137.4	6,700	12,700
120	47.6	132.9	5,600	11,400
125	45.2	128.0	4,700	10,100
130	42.7	122.7	3,800	9,000
135	40.1	116.8	2,900	8,000
140	37.4	110.4	2,100	7,000
145	34.5	103.3		6,100
150	31.3	95.4		5,200
155	27.8	86.2		4,400
160	23.8	75.5		3,700
165	19.0	62.2		3,000
170	12.5	43.5		2,200

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



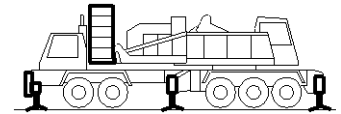
180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 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	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	28
30	82.3	187.1	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	30
32	81.7	186.8	122,400*	122,400*	122,400*	122,400*	122,400*	122,400*	119,600	122,400*	32
34	81.0	186.5	118,400*	118,400*	118,400*	118,400*	118,400*	118,400*	107,600	117,300*	34
36	80.4	186.1	114,700*	114,700*	114,700*	114,700*	114,700*	114,700*	97,600	109,600*	36
38	79.7	185.8	108,700*	108,700*	108,700*	108,700*	105,200	108,700*	89,000	102,800*	38
40	79.1	185.4	103,300*	103,300*	103,300*	103,300*	96,700	103,300*	81,700	96,700*	40
45	77.4	184.3	92,000*	92,000*	92,000*	92,000*	79,900	90,000*	67,100	83,900*	45
50	75.8	183.0	83,000*	83,000*	78,500	83,000*	67,400	79,200*	56,300	72,800	50
55	74.1	181.6	75,700*	75,700*	67,700	75,400*	57,800	70,400*	48,000	62,500	55
60	72.5	180.0	67,800	69,500*	59,000	67,600*	50,200	63,100*	41,300	54,300	60
65	70.8	178.3	60,000	64,300*	52,000	61,100*	43,900	55,800	35,900	47,700	65
70	69.1	176.4	53,400	59,400*	46,100	55,500*	38,800	49,600	31,500	42,200	70
75	67.4	174.3	47,900	54,300*	41,200	50,700*	34,400	44,400	27,700	37,600	75
80	65.6	172.0	43,200	49,900*	37,000	46,300	30,700	39,900	24,400	33,600	80
85	63.8	169.6	39,200	45,900*	33,300	42,000	27,500	36,100	21,700	30,200	85
90	62.1	167.0	35,600	42,500*	30,100	38,200	24,700	32,700	19,200	27,200	90
95	60.2	164.1	32,500	39,400*	27,300	34,900	22,200	29,800	17,100	24,600	95
100	58.4	161.0	29,700	36,600*	24,800	32,000	20,000	27,100	15,100	22,200	100
105	56.4	157.8	27,200	34,000	22,600	29,400	18,000	24,800	13,400	20,100	105
110	54.5	154.2	25,000	31,400	20,600	27,000	16,300	22,600	11,900	18,300	110
115	52.5	150.4	22,900	29,100	18,800	24,900	14,600	20,700	10,500	16,600	115
120	50.4	146.3	21,100	27,000	17,100	23,000	13,200	19,000	9,200	15,000	120
125	48.3	141.9	19,400	25,000	15,600	21,200	11,900	17,400	8,100	13,600	125
130	46.1	137.2	17,900	23,200	14,300	19,600	10,600	15,900	7,000	12,300	130
135	43.8	132.0	16,500	21,600	13,000	18,100	9,500	14,600	6,000	11,100	135
140	41.5	126.4	15,100	20,100	11,800	16,700	8,500	13,300	5,100	10,000	140
145	39.0	120.4	13,900	18,700	10,700	15,400	7,500	12,200	4,300	9,000	145
150	36.3	113.7	12,800	17,400	9,700	14,200	6,600	11,100	3,500	8,000	150
155	33.5	106.3	11,700	16,100	8,700	13,100	5,700	10,100	2,700	7,100	155
160	30.4	98.0	10,700	15,000	7,800	12,100	4,900	9,200	2,000	6,300	160
165	27.0	88.6	9,800	13,900	7,000	11,100	4,200	8,300		5,500	165
170	23.1	77.5	8,900	12,900	6,200	10,200	3,500	7,400		4,700	170
175	18.5	63.8	8,000	11,900	5,400	9,300	2,800	6,600		4,000	175
180	12.1	44.5	7,200	10,900*	4,700	8,400	2,100	5,800		3,300	180

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



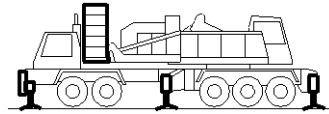
190 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	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	118,200*	118,200*	118,200*	118,200*	118,200*	118,200*	118,200*	118,200*	30
32	82.1	196.9	114,000*	114,000*	114,000*	114,000*	114,000*	114,000*	114,000*	114,000*	32
34	81.5	196.6	110,000*	110,000*	110,000*	110,000*	110,000*	110,000*	107,500	110,000*	34
36	80.9	196.3	106,200*	106,200*	106,200*	106,200*	106,200*	106,200*	97,500	106,200*	36
38	80.3	195.9	102,600*	102,600*	102,600*	102,600*	102,600*	102,600*	88,900	102,300*	38
40	79.7	195.6	99,200*	99,200*	99,200*	99,200*	96,500	99,200*	81,500	96,200*	40
45	78.1	194.5	89,600*	89,600*	89,600*	89,600*	79,600	89,500*	66,900	83,400*	45
50	76.6	193.3	80,700*	80,700*	78,300	80,700*	67,100	78,700*	56,000	72,500	50
55	75.0	192.0	73,400*	73,400*	67,300	73,400*	57,500	69,900*	47,600	62,200	55
60	73.4	190.5	67,300*	67,300*	58,700	67,100*	49,800	62,600*	41,000	54,000	60
65	71.8	188.9	59,600	62,300*	51,600	60,600*	43,600	55,400	35,600	47,400	65
70	70.2	187.1	53,100	57,800*	45,700	55,000*	38,400	49,200	31,100	41,800	70
75	68.6	185.1	47,600	53,800*	40,800	50,200*	34,000	44,000	27,300	37,200	75
80	67.0	183.0	42,800	49,400*	36,600	45,900	30,300	39,500	24,000	33,200	80
85	65.3	180.7	38,800	45,400*	32,900	41,600	27,100	35,700	21,200	29,800	85
90	63.6	178.3	35,200	42,000*	29,700	37,800	24,300	32,300	18,800	26,800	90
95	61.9	175.6	32,100	38,900*	26,900	34,500	21,800	29,300	16,600	24,100	95
100	60.2	172.8	29,300	36,100*	24,400	31,600	19,600	26,700	14,700	21,800	100
105	58.4	169.7	26,800	33,500*	22,200	29,000	17,600	24,300	13,000	19,700	105
110	56.6	166.4	24,500	31,000	20,200	26,600	15,800	22,200	11,500	17,800	110
115	54.8	162.9	22,500	28,600	18,400	24,500	14,200	20,300	10,100	16,100	115
120	52.9	159.2	20,700	26,500	16,700	22,500	12,700	18,500	8,800	14,600	120
125	51.0	155.2	19,000	24,600	15,200	20,800	11,400	17,000	7,600	13,100	125
130	49.0	150.9	17,400	22,800	13,800	19,100	10,200	15,500	6,600	11,800	130
135	46.9	146.2	16,000	21,200	12,500	17,700	9,100	14,100	5,600	10,600	135
140	44.8	141.3	14,700	19,600	11,400	16,300	8,000	12,900	4,700	9,500	140
145	42.6	135.9	13,500	18,200	10,300	15,000	7,000	11,800	3,800	8,500	145
150	40.3	130.1	12,300	16,900	9,200	13,800	6,100	10,700	3,000	7,600	150
155	37.9	123.8	11,300	15,700	8,300	12,700	5,300	9,700	2,300	6,700	155
160	35.3	116.8	10,300	14,600	7,400	11,700	4,500	8,700		5,800	160
165	32.5	109.2	9,400	13,500	6,600	10,700	3,800	7,900		5,000	165
170	29.5	100.6	8,500	12,400*	5,800	9,800	3,100	7,000		4,300	170
175	26.2	90.9	7,700	11,200*	5,000	8,900	2,400	6,200		3,600	175
180	22.5	79.5	6,900	10,100*	4,300	8,100		5,500		2,900	180
185	17.9	65.3	6,100	9,000*	3,600	7,300		4,800		2,300	185
190	11.8	45.5	5,300	7,900*	2,900	6,500		4,000			190

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



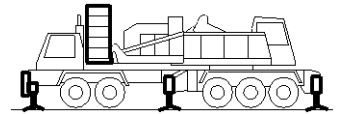
200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	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	103,700*	103,700*	103,700*	103,700*	103,700*	103,700*	32
34	81.9	206.8	100,100*	100,100*	100,100*	100,100*	100,100*	100,100*	34
36	81.3	206.4	96,600*	96,600*	96,600*	96,600*	96,600*	96,600*	36
38	80.8	206.1	93,100*	93,100*	93,100*	93,100*	93,100*	93,100*	38
40	80.2	205.7	89,600*	89,600*	89,600*	89,600*	89,600*	89,600*	40
45	78.7	204.7	81,500*	81,500*	81,500*	81,500*	79,400	81,500*	45
50	77.2	203.6	74,400*	74,400*	74,400*	74,400*	66,900	74,400*	50
55	75.8	202.4	68,100*	68,100*	67,000	68,100*	57,200	68,100*	55
60	74.3	201.0	62,400*	62,400*	58,300	62,400*	49,500	62,100*	60
65	72.8	199.4	57,300*	57,300*	51,300	57,300*	43,300	55,100	65
70	71.3	197.7	52,700	52,800*	45,400	52,800*	38,100	48,900	70
75	69.7	195.9	47,200	48,600*	40,400	48,600*	33,700	43,600	75
80	68.2	193.9	42,500	44,800*	36,200	44,800*	29,900	39,200	80
85	66.6	191.7	38,400	41,300*	32,500	41,200	26,700	35,300	85
90	65.1	189.4	34,800	38,100*	29,300	37,400	23,900	31,900	90
95	63.5	186.9	31,700	35,100*	26,500	34,100	21,400	28,900	95
100	61.8	184.3	28,900	32,400*	24,000	31,200	19,200	26,300	100
105	60.2	181.4	26,400	29,800*	21,800	28,500	17,200	23,900	105
110	58.5	178.4	24,100	27,500*	19,800	26,200	15,400	21,800	110
115	56.8	175.1	22,100	25,300*	17,900	24,100	13,800	19,900	115
120	55.1	171.7	20,200	23,200*	16,300	22,100	12,300	18,100	120
125	53.3	168.0	18,600	21,300*	14,800	20,300	11,000	16,500	125
130	51.5	164.0	17,000	19,500*	13,400	18,700	9,800	15,100	130
135	49.6	159.8	15,600	17,800*	12,100	17,200	8,600	13,700	135
140	47.7	155.3	14,300	16,200*	10,900	15,800	7,600	12,500	140
145	45.7	150.4	13,100	14,700*	9,800	14,600	6,600	11,300	145
150	43.6	145.3	11,900	13,300*	8,800	13,300*	5,700	10,300	150
155	41.5	139.7	10,900	11,900*	7,900	11,900*	4,900	9,300	155
160	39.2	133.6	9,900	10,600*	7,000	10,600*	4,100	8,300	160
165	36.8	127.1	8,900	9,400*	6,100	9,400*	3,300	7,400	165
170	34.3	119.9	8,100	8,300*	5,400	8,300*	2,700	6,600	170
175	31.7	112.0	7,200*	7,200*	4,600	7,200*	2,000	5,800	175
180	28.8	103.2	6,200*	6,200*	3,900	6,200*		5,100	180
185	25.5	93.1	5,200*	5,200*	3,200	5,200*		4,400	185
190	21.9	81.4	4,200*	4,200*	2,600	4,200*		3,700	190
195	17.5	66.8	3,400*	3,400*	2,000	3,400*		3,100	195
200	11.4	46.4	2,500*	2,500*		2,500*		2,400	200

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



210 Ft. Boom

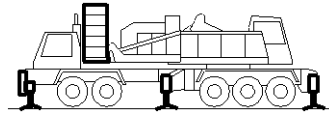
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 8,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	82.3	216.9	100,800*	100,800*	100,800*	100,800*	34
36	81.8	216.6	97,900*	97,900*	97,900*	97,900*	36
38	81.2	216.2	95,000*	95,000*	95,000*	95,000*	38
40	80.7	215.9	92,300*	92,300*	92,300*	92,300*	40
45	79.3	215.0	86,100*	86,100*	86,100*	86,100*	45
50	77.9	213.9	78,000*	78,000*	77,600	78,000*	50
55	76.5	212.7	70,800*	70,800*	66,700	70,800*	55
60	75.1	211.4	64,800*	64,800*	58,000	64,800*	60
65	73.6	209.9	58,900	59,800*	50,900	59,600*	65
70	72.2	208.3	52,300	55,200*	45,000	54,000*	70
75	70.8	206.6	46,800	51,200*	40,000	49,200*	75
80	69.3	204.7	42,100	47,700*	35,800	45,000*	80
85	67.8	202.6	38,000	44,500*	32,100	40,800	85
90	66.3	200.5	34,400	41,000*	28,900	37,000	90
95	64.8	198.1	31,200	37,900*	26,100	33,700	95
100	63.3	195.6	28,400	35,100*	23,600	30,800	100
105	61.8	192.9	25,900	32,600*	21,400	28,100	105
110	60.2	190.1	23,700	30,200	19,300	25,800	110
115	58.6	187.1	21,700	27,800	17,500	23,600	115
120	57.0	183.8	19,800	25,700	15,900	21,700	120
125	55.3	180.4	18,100	23,700	14,400	19,900	125
130	53.6	176.7	16,600	22,000	13,000	18,300	130
135	51.9	172.8	15,200	20,300	11,700	16,800	135
140	50.1	168.7	13,900	18,800	10,500	15,400	140
145	48.3	164.3	12,600	17,400	9,400	14,200	145
150	46.4	159.6	11,500	16,100	8,400	13,000	150
155	44.5	154.5	10,500	14,900	7,500	11,900	155
160	42.5	149.1	9,500	13,700	6,600	10,800	160
165	40.4	143.3	8,500	12,700	5,700	9,900	165
170	38.2	137.1	7,700	11,700	5,000	9,000	170
175	35.9	130.3	6,900	10,700	4,200	8,100	175
180	33.5	122.9	6,100	9,800	3,500	7,300	180
185	30.9	114.7	5,400	9,000	2,900	6,500	185
190	28.0	105.6	4,700	8,200	2,300	5,800	190
195	24.9	95.3	4,000	7,400		5,100	195
200	21.3	83.2	3,400	6,700		4,400	200
205	17.0	68.3	2,700	6,000		3,800	205
210	11.2	47.3	2,100	4,500*		3,100	210

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements

777T



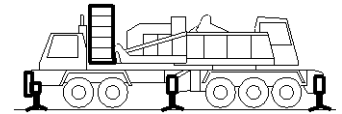
220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane 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	101,400*	101,400*	101,400*	101,400*	36
38	81.6	226.4	97,900*	97,900*	97,900*	97,900*	38
40	81.1	226.0	92,800*	92,800*	92,800*	92,800*	40
45	79.8	225.1	82,200*	82,200*	82,200*	82,200*	45
50	78.4	224.1	73,800*	73,800*	73,800*	73,800*	50
55	77.1	223.0	66,900*	66,900*	66,700	66,900*	55
60	75.7	221.7	61,200*	61,200*	58,000	61,200*	60
65	74.4	220.3	56,400*	56,400*	50,900	56,400*	65
70	73.0	218.8	52,300*	52,300*	45,100	52,300*	70
75	71.7	217.2	46,900	48,700*	40,100	48,700*	75
80	70.3	215.4	42,100	45,500*	35,900	45,100*	80
85	68.9	213.4	38,000	42,600*	32,200	40,800	85
90	67.5	211.4	34,500	40,000*	29,000	37,100	90
95	66.1	209.2	31,300	37,700*	26,200	33,800	95
100	64.6	206.8	28,500	35,200*	23,700	30,800	100
105	63.2	204.3	26,000	32,700*	21,400	28,200	105
110	61.7	201.6	23,800	30,200	19,400	25,800	110
115	60.2	198.8	21,700	27,900	17,600	23,700	115
120	58.7	195.7	19,900	25,700	15,900	21,800	120
125	57.1	192.5	18,200	23,800	14,400	20,000	125
130	55.5	189.1	16,700	22,000	13,000	18,400	130
135	53.9	185.5	15,200	20,400	11,800	16,900	135
140	52.3	181.6	13,900	18,900	10,600	15,500	140
145	50.6	177.6	12,700	17,500	9,500	14,200	145
150	48.9	173.2	11,600	16,200	8,500	13,000	150
155	47.1	168.6	10,500	14,900	7,500	11,900	155
160	45.3	163.7	9,500	13,800	6,700	10,900	160
165	43.4	158.5	8,600	12,800	5,800	9,900	165
170	41.4	152.9	7,800	11,800	5,000	9,000	170
175	39.4	146.9	6,900	10,800	4,300	8,200	175
180	37.3	140.4	6,200	9,900	3,600	7,400	180
185	35.0	133.4	5,400	9,100	3,000	6,600	185
190	32.7	125.8	4,800	8,300	2,400	5,900	190
195	30.1	117.4	4,100	7,600		5,200	195
200	27.4	108.0	3,500	6,800		4,500	200
205	24.3	97.4	2,900	6,100		3,900	205
210	20.8	85.0	2,300	5,500		3,300	210
215	16.6	69.7		4,800		2,700	215
220	10.9	48.2		3,300*		2,100	220

Liftcrane Boom Capacities

Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 8,000 Lb. Front Bumper Counterweight
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.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
38	82.0	236.5	94,800*	94,800*
40	81.5	236.2	90,600*	90,600*
45	80.2	235.3	80,200*	80,200*
50	78.9	234.3	71,900*	71,900*
55	77.7	233.3	65,100*	65,100*
60	76.4	232.0	59,500*	59,500*
65	75.1	230.7	54,700*	54,700*
70	73.8	229.3	50,700*	50,700*
75	72.5	227.7	46,500	47,100*
80	71.2	226.0	41,700	43,900*
85	69.8	224.2	37,600	41,100*
90	68.5	222.2	34,100	38,600*
95	67.2	220.1	30,900	36,300*
100	65.8	217.9	28,100	34,200*
105	64.4	215.5	25,600	32,200*
110	63.0	213.0	23,300	29,800
115	61.6	210.3	21,300	27,500
120	60.2	207.4	19,500	25,300
125	58.7	204.4	17,800	23,400
130	57.2	201.2	16,200	21,600
135	55.7	197.8	14,800	19,900
140	54.2	194.2	13,500	18,400
145	52.6	190.4	12,300	17,000
150	51.0	186.4	11,100	15,700
155	49.4	182.2	10,100	14,500
160	47.7	177.6	9,100	13,400
165	46.0	172.9	8,200	12,300
170	44.2	167.8	7,300	11,300
175	42.4	162.4	6,500	10,400
180	40.5	156.6	5,700	9,500
185	38.5	150.4	5,000	8,700
190	36.4	143.7	4,300	7,900
195	34.2	136.5	3,700	7,100
200	31.9	128.6	3,000	6,400*
205	29.4	120.0	2,500	5,500*
210	26.7	110.4		4,700*
215	23.7	99.5		3,800*
220	20.3	86.8		3,100*
225	16.2	71.1		2,300*

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	70,200*	70,200*
55	78.2	243.5	63,500*	63,500*
60	77.0	242.4	57,900*	57,900*
65	75.7	241.1	53,100*	53,100*
70	74.5	239.7	49,100*	49,100*
75	73.2	238.2	45,500*	45,500*
80	72.0	236.6	41,300	42,400*
85	70.7	234.8	37,200	39,600*
90	69.5	233.0	33,600	37,100*
95	68.2	231.0	30,500	34,800*
100	66.9	228.8	27,700	32,800*
105	65.6	226.6	25,200	30,900*
110	64.2	224.2	22,900	29,100*
115	62.9	221.6	20,900	26,800*
120	61.5	218.9	19,000	24,700*
125	60.2	216.1	17,300	22,700*
130	58.8	213.1	15,800	20,900*
135	57.4	209.9	14,300	19,100*
140	55.9	206.5	13,000	17,500*
145	54.5	202.9	11,800	16,000*
150	53.0	199.2	10,700	14,500*
155	51.4	195.2	9,600	13,200*
160	49.9	191.1	8,600	11,900*
165	48.3	186.6	7,700	10,600*
170	46.7	182.0	6,800	9,500*
175	45.0	177.0	6,000	8,300*
180	43.2	171.7	5,300	7,300*
185	41.4	166.1	4,500	6,300*
190	39.6	160.2	3,900	5,300*
195	37.6	153.8	3,200	4,400*
200	35.6	146.9	2,600	3,500*
205	33.5	139.5	2,000	2,600*