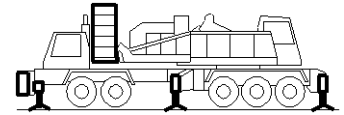


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With 11 340 kg 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 13 380 kg or 26 760 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg 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 (6 909 mm) and set. Refer to operators manual for outrigger positioning. Radii less than 9.8m not recommended when lifting over front of truck. Minimum boom angle over truck cab is 24 degrees.

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

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

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

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

MACHINE EQUIPMENT: Machine equipped with Manitowoc 10 x 6 carrier, 7 036 mm wheel base, 2 972 mm front axle track, 2 540 mm rear axle track, 385/95 R 24 tires, 2 438 mm front outriggers, 1 778 mm rear outriggers, two 305 mm boom hoist cylinders, 7.9m mast, two boom support straps, crane counterweight as specified and with 11 340 kg front bumper counterweight.

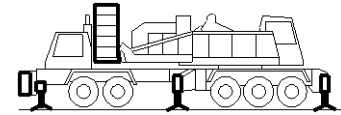
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 770 kg
12.2m	2 130 kg
15.2m	2 540 kg
18.3m	2 990 kg
21.3m	3 450 kg
24.4m	3 950 kg

Upper Boom Point Deduct
Deduct 450 kg from capacities when upper boom point is attached.

Auxiliary Drum Deduct
Deduct 770 kg from capacities when boom butt is equipped with auxiliary drum.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

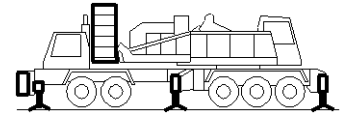
 Meets
ANSI B30.5
Requirements


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
43 270 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
(a) 82.3m	—	67.1m	—
(b) 79.2m	—	64.0m	—
76.2m	—	61.0m	9.1m
73.2m	9.1m	57.9m	18.3m
70.1m	15.2m	54.9m	24.4m
67.1m	24.4m		
35 560 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
76.2m	—	64.0m	—
73.2m	—	61.0m	—
70.1m	12.2m	57.9m	12.2m
67.1m	18.3m	54.9m	21.3m
64.0m	24.4m	51.8m	24.4m
27 850 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
70.1m	—	57.9m	—
67.1m	9.1m	54.9m	9.1m
64.0m	15.2m	51.8m	15.2m
61.0m	21.3m	48.8m	21.3m
57.9m	24.4m	45.7m	24.4m
20 140 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
67.1m	—	51.8m	—
64.0m	—	48.8m	9.1m
61.0m	9.1m	45.7m	15.2m
57.9m	18.3m	42.7m	24.4m
54.9m	24.4m		
Load block, hook and weight ball on ground at start. (a) Upper boom point and auxiliary drum cannot be used on 82.3m boom. (b) Upper boom point cannot be used on 79.2m boom over rear.			

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
Not Allowed		
35 560 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
Not Allowed		
27 850 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
Not Allowed		
20 140 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
42.7m	—	Not Allowed
39.6m	—	
36.6m	15.2m	
33.5m	18.3m	
30.5m	24.4m	
Load block, hook and weight ball on ground at start.		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With 11 340 kg 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
12 430 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
61.0m	—	45.7m	—
57.9m	—	42.7m	9.1m
54.9m	15.2m	39.6m	18.3m
51.8m	21.3m	36.6m	24.4m
48.8m	24.4m		
4 720 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
54.9m	—	39.6m	—
51.8m	9.1m	36.6m	9.1m
48.8m	15.2m	33.5m	15.2m
45.7m	21.3m	30.5m	24.4m
42.7m	24.4m		
0 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.			
51.8m	—	36.6m	—
48.8m	—	33.5m	—
45.7m	15.2m	30.5m	12.2m
42.7m	21.3m		
39.6m	24.4m		
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
12 430 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
36.6m	—	Not Allowed
33.5m	9.1m	
30.5m	15.2m	
4 720 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
30.5m	—	13.0m
0 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
27.4m	—	13.0m
Load block, hook and weight ball on ground at start.		

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

Refer to chart **No. 8063-AM**, **-BM** or **-CM** (0, 3 630 or 11 340 kg front bumper counterweight [FBC]) for fully extended outrigger boom capacities, chart **No. 8094-AM**, **-CM** or **-EM** (0, 3 630 or 11 340 kg FBC) for straight over rear on rubber boom capacities, chart **No. 8094-BM**, **-DM** or **-FM** (0, 3 630 or 11 340 kg FBC) for over side sector on rubber boom capacities, chart **No. 8095-AM** for partially extended outrigger boom capacities and chart **No. 8096-AM** for fully retracted outrigger boom capacities.

7.6m Boom¹



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.
			Boom Capacity Rear - Kilograms
3.4	82.1	10.1	199 500 *

¹ Note: Requires additional rigging components.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

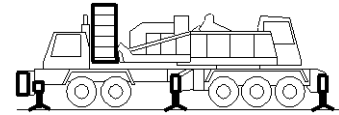
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



13.0m (42.5 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
3.7	81.6	15.3	165 100*	165 100*	165 100*	165 100*	165 100*	165 100*	162 400*	162 400*	3.7
4.0	80.1	15.2	164 500*	164 500*	163 700*	163 700*	156 900*	156 900*	149 400*	149 400*	4.0
4.5	77.8	15.1	153 700*	153 700*	146 700*	146 700*	140 200*	140 200*	133 800*	133 800*	4.5
5.0	75.4	15.0	138 500*	138 500*	132 600*	132 600*	126 800*	126 800*	120 900*	120 900*	5.0
5.5	73.1	14.8	126 400*	126 400*	121 000*	121 000*	115 700*	115 700*	110 300*	110 300*	5.5
6.0	70.7	14.6	116 100*	116 100*	111 200*	111 200*	106 200*	106 200*	100 700*	100 700*	6.0
7.0	65.7	14.1	99 700*	99 700*	95 300*	95 300*	90 200*	90 200*	84 500*	84 500*	7.0
8.0	60.6	13.6	87 100*	87 100*	82 300*	82 300*	77 400*	77 400*	72 600*	72 600*	8.0
9.0	55.1	12.8	76 300*	76 300*	72 000*	72 000*	67 700*	67 700*	63 200	63 500*	9.0
10.0	49.1	12.0	67 700*	67 700*	63 900*	63 900*	60 000*	60 000*	52 900	56 200*	10.0
11.0	42.5	10.9	60 700*	60 700*	57 200*	57 200*	52 900	53 700*	45 000	50 200*	11.0
12.0	34.8	9.5	54 800*	54 800*	51 600*	51 600*	45 800	48 500*	38 800	45 300*	12.0

Liftcrane Boom Capacities

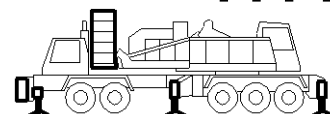
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



13.0m (42.5 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
3.7	81.6	15.3	154 600*	154 600*	146 800*	146 800*	142 100*	142 100*	3.7
4.0	80.1	15.2	142 200*	142 200*	135 100*	135 100*	130 700*	130 700*	4.0
4.5	77.8	15.1	127 300*	127 300*	120 900*	120 900*	116 100*	116 100*	4.5
5.0	75.4	15.0	115 000*	115 000*	107 700*	107 700*	102 800*	102 800*	5.0
5.5	73.1	14.8	103 800*	103 800*	96 600*	96 600*	92 200*	92 200*	5.5
6.0	70.7	14.6	94 000*	94 000*	87 500*	87 500*	83 500*	83 500*	6.0
7.0	65.7	14.1	78 900*	78 900*	71 000	73 300*	59 600	69 900*	7.0
8.0	60.6	13.6	66 400	67 700*	53 100	62 900*	45 100	59 900*	8.0
9.0	55.1	12.8	53 000	59 100*	42 300	54 800*	35 800	52 300*	9.0
10.0	49.1	12.0	43 800	52 300*	34 800	48 500*	29 200	46 100*	10.0
11.0	42.5	10.9	37 100	46 800*	29 200	43 300*	24 400	41 100*	11.0
12.0	34.8	9.5	31 800	42 100*	24 900	38 900*	20 600	37 000*	12.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

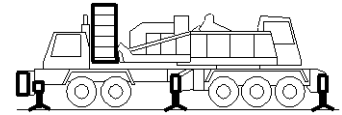
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**18.3m (60 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.0	83.2	20.8	165 100*	165 100*							4.0
4.5	81.5	20.7	153 200*	153 200*	146 300*	146 300*	139 800*	139 800*	133 400*	133 400*	4.5
5.0	79.9	20.6	138 000*	138 000*	132 200*	132 200*	126 300*	126 300*	120 500*	120 500*	5.0
5.5	78.3	20.5	126 000*	126 000*	120 600*	120 600*	115 200*	115 200*	109 900*	109 900*	5.5
6.0	76.7	20.4	115 700*	115 700*	110 800*	110 800*	105 800*	105 800*	100 500*	100 500*	6.0
7.0	73.4	20.1	99 400*	99 400*	95 000*	95 000*	90 000*	90 000*	84 300*	84 300*	7.0
8.0	70.0	19.7	86 900*	86 900*	82 200*	82 200*	77 400*	77 400*	72 500*	72 500*	8.0
9.0	66.6	19.3	76 300*	76 300*	71 900*	71 900*	67 700*	67 700*	63 400*	63 400*	9.0
10.0	63.1	18.7	67 700*	67 700*	63 800*	63 800*	60 000*	60 000*	53 800	56 100*	10.0
11.0	59.4	18.1	60 700*	60 700*	57 200*	57 200*	53 600	53 700*	45 700	50 200*	11.0
12.0	55.6	17.4	54 900*	54 900*	51 700*	51 700*	46 500	48 600*	39 600	45 400*	12.0
14.0	47.3	15.7	45 900*	45 900*	42 100	43 100*	36 400	40 400*	30 700	37 700*	14.0
16.0	37.6	13.4	38 800	39 100*	34 100	36 700*	29 400	34 400*	24 700	32 000*	16.0
18.0	24.6	9.7	32 500	33 800*	28 300	31 700*	24 300	29 600*	20 200	27 500*	18.0

Liftcrane Boom Capacities

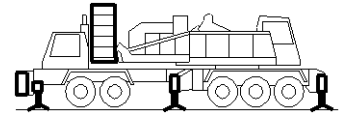
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



18.3m (60 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.5	81.5	20.7	126 900*	126 900*	120 500*	120 500*	115 800*	115 800*	4.5
5.0	79.9	20.6	114 600*	114 600*	107 500*	107 500*	102 600*	102 600*	5.0
5.5	78.3	20.5	103 600*	103 600*	96 400*	96 400*	92 000*	92 000*	5.5
6.0	76.7	20.4	93 800*	93 800*	87 300*	87 300*	83 300*	83 300*	6.0
7.0	73.4	20.1	78 800*	78 800*	71 500	73 200*	61 100	69 700*	7.0
8.0	70.0	19.7	67 400	67 600*	54 100	62 800*	46 100	59 800*	8.0
9.0	66.6	19.3	53 800	59 100*	43 100	54 800*	36 600	52 200*	9.0
10.0	63.1	18.7	44 600	52 300*	35 500	48 400*	30 000	46 100*	10.0
11.0	59.4	18.1	37 800	46 800*	29 900	43 300*	25 100	41 200*	11.0
12.0	55.6	17.4	32 600	42 200*	25 600	39 000*	21 400	37 100*	12.0
14.0	47.3	15.7	25 100	35 000*	19 400	32 300*	16 000	30 400	14.0
16.0	37.6	13.4	19 900	29 600*	15 200	27 100	12 300	24 300	16.0
18.0	24.6	9.7	16 100	25 400*	12 000	22 300	9 500	19 800	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

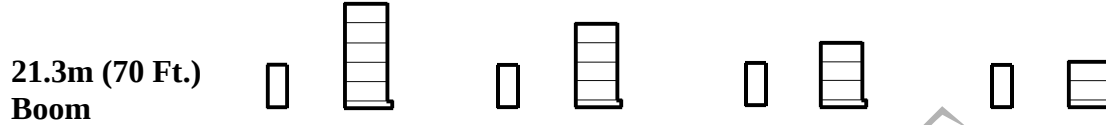
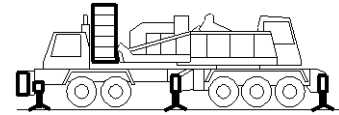
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.6	82.5	23.8	134 300*	134 300*	134 300*	134 300*	134 300*	134 300*	131 600*	131 600*	4.6
5.0	81.4	23.7	133 100*	133 100*	131 800*	131 800*	127 100*	127 100*	120 900*	120 900*	5.0
5.5	80.0	23.6	126 400*	126 400*	121 000*	121 000*	115 600*	115 600*	110 200*	110 200*	5.5
6.0	78.6	23.5	116 100*	116 100*	111 200*	111 200*	106 200*	106 200*	100 900*	100 900*	6.0
7.0	75.8	23.3	99 700*	99 700*	95 500*	95 500*	90 500*	90 500*	84 800*	84 800*	7.0
8.0	73.0	23.0	87 100*	87 100*	82 700*	82 700*	77 800*	77 800*	72 900*	72 900*	8.0
9.0	70.2	22.6	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	63 800*	63 800*	9.0
10.0	67.2	22.1	68 100*	68 100*	64 300*	64 300*	60 400*	60 400*	54 600	56 600*	10.0
11.0	64.2	21.7	61 200*	61 200*	57 700*	57 700*	54 200	54 200*	46 500	50 700*	11.0
12.0	61.2	21.1	55 400*	55 400*	52 200*	52 200*	47 300	49 000*	40 300	45 900*	12.0
14.0	54.7	19.7	46 400*	46 400*	42 900	43 700*	37 100	41 000*	31 500	38 200*	14.0
16.0	47.6	18.0	39 500	39 700*	34 900	37 300*	30 200	34 900*	25 400	32 600*	16.0
18.0	39.5	15.8	33 300	34 400*	29 200	32 400*	25 100	30 200*	21 000	28 200*	18.0
20.0	29.5	12.6	28 400	30 300*	24 800	28 400*	21 200	26 500*	17 600	24 600*	20.0

Liftcrane Boom Capacities

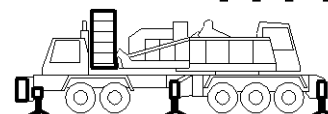
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



21.3m (70 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.6	82.5	23.8	125 300*	125 300*	118 900*	118 900*	114 100*	114 100*	4.6
5.0	81.4	23.7	115 000*	115 000*	107 900*	107 900*	103 000*	103 000*	5.0
5.5	80.0	23.6	104 100*	104 100*	96 800*	96 800*	92 400*	92 400*	5.5
6.0	78.6	23.5	94 300*	94 300*	87 700*	87 700*	83 700*	83 700*	6.0
7.0	75.8	23.3	79 200*	79 200*	72 100	73 600*	62 200	70 200*	7.0
8.0	73.0	23.0	67 900	68 100*	55 000	63 200*	47 000	60 300*	8.0
9.0	70.2	22.6	54 800	59 500*	44 000	55 200*	37 500	52 600*	9.0
10.0	67.2	22.1	45 500	52 700*	36 400	48 900*	30 800	46 600*	10.0
11.0	64.2	21.7	38 600	47 300*	30 800	43 800*	26 000	41 600*	11.0
12.0	61.2	21.1	33 400	42 700*	26 400	39 500*	22 200	37 500*	12.0
14.0	54.7	19.7	25 800	35 500*	20 200	32 800*	16 800	31 100	14.0
16.0	47.6	18.0	20 700	30 200*	16 000	27 700	13 100	25 100	16.0
18.0	39.5	15.8	16 900	26 100*	12 900	23 200	10 400	20 700	18.0
20.0	29.5	12.6	14 000	22 700*	10 400	19 500	8 300	17 300	20.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

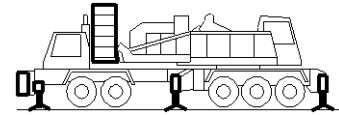
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**24.4m (80 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.9	82.7	26.9	127 200*	127 200*	127 200*	127 200*	127 200*	127 200*	123 700*	123 700*	4.9
5.0	82.5	26.8	126 800*	126 800*	126 800*	126 800*	125 300*	125 300*	120 900*	120 900*	5.0
5.5	81.3	26.7	125 200*	125 200*	120 900*	120 900*	115 500*	115 500*	110 100*	110 100*	5.5
6.0	80.1	26.6	116 200*	116 200*	111 100*	111 100*	106 100*	106 100*	100 900*	100 900*	6.0
7.0	77.7	26.4	99 700*	99 700*	95 400*	95 400*	90 500*	90 500*	84 800*	84 800*	7.0
8.0	75.2	26.1	87 200*	87 200*	82 700*	82 700*	77 800*	77 800*	72 900*	72 900*	8.0
9.0	72.8	25.8	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	63 800*	63 800*	9.0
10.0	70.2	25.5	68 100*	68 100*	64 300*	64 300*	60 400*	60 400*	54 900	56 600*	10.0
11.0	67.7	25.0	61 200*	61 200*	57 700*	57 700*	54 200	54 200*	46 700	50 700*	11.0
12.0	65.1	24.6	55 400*	55 400*	52 200*	52 200*	47 600	49 000*	40 600	45 900*	12.0
14.0	59.7	23.5	46 400*	46 400*	43 100	43 700*	37 300	41 000*	31 700	38 200*	14.0
16.0	54.0	22.0	39 500	39 700*	35 100	37 300*	30 300	34 900*	25 600	32 600*	16.0
18.0	47.8	20.3	33 500	34 500*	29 400	32 400*	25 300	30 300*	21 200	28 200*	18.0
20.0	40.8	18.1	28 600	30 300*	25 000	28 500*	21 400	26 600*	17 900	24 700*	20.0
22.0	32.6	15.3	24 800	27 000*	21 600	25 200*	18 400	23 500*	15 200	21 800*	22.0
24.0	21.7	11.1	21 600	24 100*	18 800	22 500*	15 800	20 900*	13 000	19 400*	24.0

Liftcrane Boom Capacities

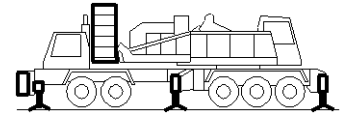
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



24.4m (80 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.9	82.7	26.9	117 700*	117 700*	111 000*	111 000*	106 000*	106 000*	4.9
5.0	82.5	26.8	115 000*	115 000*	108 000*	108 000*	103 100*	103 100*	5.0
5.5	81.3	26.7	104 100*	104 100*	96 800*	96 800*	92 400*	92 400*	5.5
6.0	80.1	26.6	94 300*	94 300*	87 700*	87 700*	83 700*	83 700*	6.0
7.0	77.7	26.4	79 200*	79 200*	72 300	73 600*	62 800	70 200*	7.0
8.0	75.2	26.1	67 900	68 100*	55 400	63 200*	47 400	60 300*	8.0
9.0	72.8	25.8	55 100	59 500*	44 300	55 200*	37 800	52 600*	9.0
10.0	70.2	25.5	45 700	52 700*	36 600	48 900*	31 100	46 600*	10.0
11.0	67.7	25.0	38 800	47 300*	31 000	43 700*	26 200	41 600*	11.0
12.0	65.1	24.6	33 600	42 700*	26 600	39 500*	22 400	37 500*	12.0
14.0	59.7	23.5	26 000	35 500*	20 400	32 800*	16 900	31 100	14.0
16.0	54.0	22.0	20 900	30 200*	16 100	27 800	13 200	25 300	16.0
18.0	47.8	20.3	17 100	26 100*	13 000	23 400	10 500	20 800	18.0
20.0	40.8	18.1	14 300	22 800*	10 700	19 700	8 500	17 500	20.0
22.0	32.6	15.3	12 000	20 000	8 800	16 800	6 800	14 900	22.0
24.0	21.7	11.1	10 100	17 400	7 200	14 500	5 400	12 700	24.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

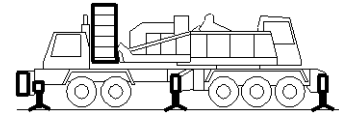
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**27.4m (90 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
5.2	82.9	29.9	124 100*	124 100*	124 100*	124 100*	122 300*	122 300*	116 600*	116 600*	5.2
5.5	82.2	29.9	120 100*	120 100*	120 100*	120 100*	115 400*	115 400*	110 100*	110 100*	5.5
6.0	81.2	29.8	113 400*	113 400*	111 100*	111 100*	106 100*	106 100*	100 900*	100 900*	6.0
7.0	79.1	29.6	99 800*	99 800*	95 300*	95 300*	90 500*	90 500*	84 800*	84 800*	7.0
8.0	76.9	29.3	87 100*	87 100*	82 600*	82 600*	77 800*	77 800*	72 900*	72 900*	8.0
9.0	74.7	29.0	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	63 800*	63 800*	9.0
10.0	72.5	28.7	68 100*	68 100*	64 300*	64 300*	60 400*	60 400*	55 200	56 600*	10.0
11.0	70.3	28.3	61 100*	61 100*	57 700*	57 700*	54 200	54 200*	46 900	50 700*	11.0
12.0	68.1	27.9	55 400*	55 400*	52 200*	52 200*	47 700	49 000*	40 700	45 800*	12.0
14.0	63.4	27.0	46 400*	46 400*	43 200	43 700*	37 500	41 000*	31 800	38 200*	14.0
16.0	58.6	25.8	39 600	39 700*	35 200	37 300*	30 500	34 900*	25 700	32 600*	16.0
18.0	53.4	24.4	33 700	34 500*	29 500	32 400*	25 400	30 300*	21 300	28 200*	18.0
20.0	47.9	22.6	28 800	30 400*	25 200	28 500*	21 600	26 600*	18 000	24 700*	20.0
22.0	41.8	20.5	24 900	27 000*	21 700	25 300*	18 500	23 600*	15 300	21 900*	22.0
24.0	34.8	17.8	21 800	24 200*	19 000	22 600*	16 100	21 000*	13 100	19 500*	24.0
26.0	26.2	14.2	19 300	21 800*	16 600	20 300*	14 000	18 900*	11 300	17 400*	26.0

Liftcrane Boom Capacities

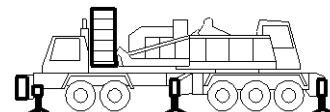
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



27.4m (90 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
5.2	82.9	29.9	110 900*	110 900*	103 600*	103 600*	98 900*	98 900*	5.2
5.5	82.2	29.9	104 100*	104 100*	96 800*	96 800*	92 400*	92 400*	5.5
6.0	81.2	29.8	94 300*	94 300*	87 700*	87 700*	83 700*	83 700*	6.0
7.0	79.1	29.6	79 200*	79 200*	72 400	73 600*	63 300	70 200*	7.0
8.0	76.9	29.3	67 900	68 100*	55 700	63 200*	47 700	60 300*	8.0
9.0	74.7	29.0	55 400	59 500*	44 600	55 200*	38 000	52 600*	9.0
10.0	72.5	28.7	45 900	52 800*	36 900	48 900*	31 300	46 600*	10.0
11.0	70.3	28.3	39 000	47 200*	31 200	43 700*	26 400	41 600*	11.0
12.0	68.1	27.9	33 800	42 700*	26 800	39 500*	22 600	37 500*	12.0
14.0	63.4	27.0	26 200	35 500*	20 500	32 800*	17 100	31 100	14.0
16.0	58.6	25.8	21 000	30 200*	16 300	27 900	13 400	25 400	16.0
18.0	53.4	24.4	17 200	26 100*	13 200	23 600	10 700	21 000	18.0
20.0	47.9	22.6	14 400	22 800*	10 800	19 900	8 600	17 700	20.0
22.0	41.8	20.5	12 100	20 100	8 900	17 000	7 000	15 000	22.0
24.0	34.8	17.8	10 300	17 600	7 400	14 700	5 600	12 900	24.0
26.0	26.2	14.2	8 700	15 400	6 100	12 700	4 500	11 100	26.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

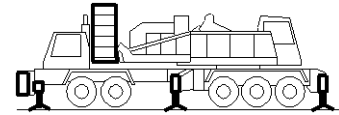
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**30.5m (100 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
5.5	83.0	32.9	109 400*	109 400*	109 400*	109 400*	109 400*	109 400*	109 400*	109 400*	5.5
6.0	82.1	32.8	103 400*	103 400*	103 400*	103 400*	103 400*	103 400*	100 800*	100 800*	6.0
7.0	80.2	32.7	93 300*	93 300*	93 300*	93 300*	90 600*	90 600*	84 700*	84 700*	7.0
8.0	78.2	32.5	85 000*	85 000*	82 600*	82 600*	77 700*	77 700*	72 800*	72 800*	8.0
9.0	76.3	32.2	76 700*	76 700*	72 300*	72 300*	68 000*	68 000*	63 700*	63 700*	9.0
10.0	74.3	31.9	68 000*	68 000*	64 200*	64 200*	60 300*	60 300*	55 400	56 500*	10.0
11.0	72.4	31.6	61 100*	61 100*	57 600*	57 600*	54 100	54 100*	47 000	50 600*	11.0
12.0	70.4	31.2	55 300*	55 300*	52 100*	52 100*	47 800	48 900*	40 800	45 700*	12.0
14.0	66.3	30.4	46 300*	46 300*	43 300	43 600*	37 500	40 900*	31 800	38 100*	14.0
16.0	62.1	29.4	39 500	39 600*	35 200	37 200*	30 500	34 900*	25 700	32 500*	16.0
18.0	57.6	28.1	33 700	34 400*	29 500	32 300*	25 400	30 200*	21 300	28 100*	18.0
20.0	53.0	26.7	28 800	30 300*	25 200	28 400*	21 600	26 500*	18 000	24 600*	20.0
22.0	48.0	24.9	24 900	26 900*	21 800	25 200*	18 500	23 500*	15 300	21 800*	22.0
24.0	42.6	22.9	21 900	24 100*	19 000	22 500*	16 100	21 000*	13 200	19 400*	24.0
26.0	36.5	20.3	19 300	21 700*	16 700	20 300*	14 100	18 800*	11 400	17 400*	26.0
28.0	29.3	17.0	17 200	19 700*	14 800	18 300*	12 300	17 000*	9 900	15 600*	28.0
30.0	19.8	12.4	15 300	17 900*	13 100	16 600*	10 800	15 300*	8 600	14 100*	30.0

Liftcrane Boom Capacities

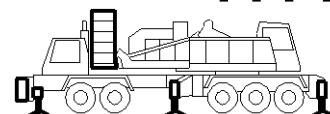
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



30.5m (100 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
5.5	83.0	32.9	104 300*	104 300*	97 000*	97 000*	92 600*	92 600*	5.5
6.0	82.1	32.8	94 200*	94 200*	87 600*	87 600*	83 600*	83 600*	6.0
7.0	80.2	32.7	79 100*	79 100*	72 400	73 500*	63 700	70 100*	7.0
8.0	78.2	32.5	67 800	68 000*	55 900	63 100*	48 000	60 200*	8.0
9.0	76.3	32.2	55 600	59 400*	44 700	55 100*	38 200	52 500*	9.0
10.0	74.3	31.9	46 000	52 600*	36 900	48 800*	31 400	46 400*	10.0
11.0	72.4	31.6	39 100	47 100*	31 200	43 600*	26 500	41 500*	11.0
12.0	70.4	31.2	33 800	42 600*	26 900	39 400*	22 600	37 400*	12.0
14.0	66.3	30.4	26 200	35 400*	20 600	32 700*	17 100	31 000	14.0
16.0	62.1	29.4	21 000	30 100*	16 200	27 700*	13 400	25 400	16.0
18.0	57.6	28.1	17 200	26 000*	13 200	23 600	10 700	21 000	18.0
20.0	53.0	26.7	14 400	22 800*	10 800	19 900	8 600	17 700	20.0
22.0	48.0	24.9	12 100	20 100	8 900	17 000	7 000	15 000	22.0
24.0	42.6	22.9	10 300	17 700	7 400	14 700	5 600	12 900	24.0
26.0	36.5	20.3	8 800	15 400	6 100	12 800	4 500	11 200	26.0
28.0	29.3	17.0	7 500	13 600	5 100	11 200	3 600	9 700	28.0
30.0	19.8	12.4	6 300	12 000	4 100	9 700	2 700	8 400	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

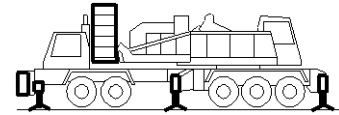
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**33.5m (110 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.1	82.6	35.9	94 700*	94 700*	94 700*	94 700*	94 700*	94 700*	94 700*	94 700*	6.1
7.0	81.1	35.8	86 700*	86 700*	86 700*	86 700*	86 700*	86 700*	85 100*	85 100*	7.0
8.0	79.3	35.6	79 300*	79 300*	79 300*	79 300*	77 700*	77 700*	72 800*	72 800*	8.0
9.0	77.6	35.3	72 800*	72 800*	72 100*	72 100*	67 900*	67 900*	63 600*	63 600*	9.0
10.0	75.8	35.1	67 200*	67 200*	64 100*	64 100*	60 300*	60 300*	55 500	56 400*	10.0
11.0	74.0	34.8	61 000*	61 000*	57 500*	57 500*	54 000	54 000*	47 100	50 600*	11.0
12.0	72.2	34.5	55 200*	55 200*	52 000*	52 000*	47 900	48 900*	40 800	45 700*	12.0
14.0	68.6	33.7	46 200*	46 200*	43 300	43 500*	37 500	40 800*	31 900	38 100*	14.0
16.0	64.8	32.8	39 500	39 500*	35 200	37 200*	30 500	34 800*	25 800	32 400*	16.0
18.0	60.9	31.7	33 700	34 400*	29 500	32 300*	25 500	30 200*	21 300	28 100*	18.0
20.0	56.9	30.4	28 800	30 300*	25 200	28 400*	21 600	26 500*	18 000	24 600*	20.0
22.0	52.6	29.0	25 000	26 900*	21 800	25 200*	18 600	23 500*	15 300	21 700*	22.0
24.0	48.1	27.2	21 900	24 100*	19 000	22 500*	16 100	20 900*	13 200	19 400*	24.0
26.0	43.2	25.2	19 300	21 700*	16 700	20 300*	14 100	18 800*	11 400	17 400*	26.0
28.0	37.8	22.7	17 200	19 700*	14 800	18 300*	12 400	17 000*	9 900	15 600*	28.0
30.0	31.6	19.7	15 400	17 900*	13 100	16 600*	10 900	15 400*	8 700	14 100*	30.0
32.0	24.0	15.7	13 800	16 300*	11 700	15 100*	9 600	14 000*	7 500	12 800*	32.0

Liftcrane Boom Capacities

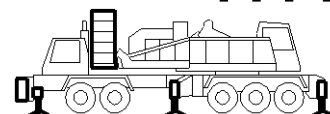
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



33.5m (110 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.1	82.6	35.9	92 500*	92 500*	86 000*	86 000*	82 100*	82 100*	6.1
7.0	81.1	35.8	79 000*	79 000*	72 500	73 400*	64 000	70 100*	7.0
8.0	79.3	35.6	67 800	67 900*	56 100	63 000*	48 100	60 100*	8.0
9.0	77.6	35.3	55 800	59 400*	44 900	55 100*	38 300	52 400*	9.0
10.0	75.8	35.1	46 100	52 600*	37 100	48 700*	31 500	46 400*	10.0
11.0	74.0	34.8	39 200	47 100*	31 300	43 600*	26 500	41 500*	11.0
12.0	72.2	34.5	33 900	42 500*	26 900	39 300*	22 700	37 400*	12.0
14.0	68.6	33.7	26 200	35 400*	20 600	32 600*	17 200	30 900	14.0
16.0	64.8	32.8	21 000	30 100*	16 300	27 700*	13 400	25 500	16.0
18.0	60.9	31.7	17 300	26 000*	13 200	23 500	10 700	21 000	18.0
20.0	56.9	30.4	14 400	22 700*	10 800	19 900	8 600	17 700	20.0
22.0	52.6	29.0	12 100	20 000*	8 900	17 000	7 000	15 100	22.0
24.0	48.1	27.2	10 300	17 700	7 400	14 700	5 700	12 900	24.0
26.0	43.2	25.2	8 800	15 500	6 200	12 800	4 500	11 200	26.0
28.0	37.8	22.7	7 500	13 700	5 100	11 200	3 600	9 700	28.0
30.0	31.6	19.7	6 400	12 100	4 200	9 800	2 800	8 400	30.0
32.0	24.0	15.7	5 400	10 700	3 400	8 600	2 100	7 300	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

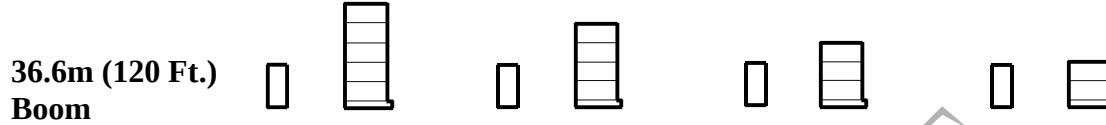
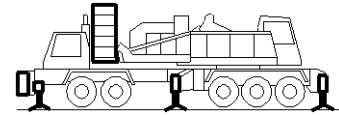
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.7	82.3	38.9	86 000*	86 000*	86 000*	86 000*	86 000*	86 000*	86 000*	86 000*	6.7
7.0	81.8	38.9	83 600*	83 600*	83 600*	83 600*	83 600*	83 600*	83 400*	83 400*	7.0
8.0	80.2	38.7	76 100*	76 100*	76 100*	76 100*	76 100*	76 100*	72 800*	72 800*	8.0
9.0	78.6	38.5	69 700*	69 700*	69 700*	69 700*	68 200*	68 200*	63 700*	63 700*	9.0
10.0	77.0	38.2	64 200*	64 200*	64 000*	64 000*	60 300*	60 300*	55 700	56 500*	10.0
11.0	75.4	38.0	59 400*	59 400*	57 600*	57 600*	54 100	54 100*	47 200	50 600*	11.0
12.0	73.8	37.7	55 100*	55 100*	52 100*	52 100*	48 100	48 900*	41 000	45 700*	12.0
14.0	70.5	37.0	46 300*	46 300*	43 500	43 600*	37 700	40 900*	32 000	38 100*	14.0
16.0	67.1	36.2	39 600	39 600*	35 400	37 200*	30 700	34 900*	25 900	32 500*	16.0
18.0	63.6	35.2	33 800	34 400*	29 700	32 400*	25 600	30 200*	21 500	28 200*	18.0
20.0	60.0	34.1	28 900	30 400*	25 300	28 500*	21 700	26 600*	18 100	24 700*	20.0
22.0	56.2	32.8	25 100	27 000*	21 900	25 300*	18 700	23 500*	15 500	21 800*	22.0
24.0	52.3	31.3	22 000	24 200*	19 100	22 600*	16 200	21 000*	13 300	19 500*	24.0
26.0	48.2	29.5	19 500	21 800*	16 900	20 400*	14 200	18 900*	11 600	17 500*	26.0
28.0	43.7	27.5	17 300	19 800*	15 000	18 400*	12 500	17 100*	10 100	15 700*	28.0
30.0	38.9	25.1	15 500	18 000*	13 300	16 700*	11 100	15 500*	8 800	14 300*	30.0
32.0	33.4	22.3	14 000	16 500*	11 900	15 300*	9 800	14 100*	7 700	12 900*	32.0
34.0	27.0	18.7	12 600	15 100*	10 700	14 000*	8 700	12 900*	6 800	11 700	34.0
36.0	18.4	13.6	11 300	13 800*	9 500	12 800*	7 700	11 800*	5 900	10 500	36.0

Liftcrane Boom Capacities

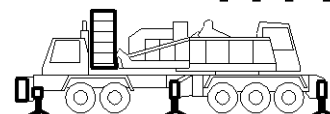
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



36.6m (120 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.7	82.3	38.9	83 100*	83 100*	77 200*	77 200*	70 100	73 700*	6.7
7.0	81.8	38.9	79 300*	79 300*	72 500	73 700*	64 300	70 300*	7.0
8.0	80.2	38.7	67 900	68 000*	56 300	63 100*	48 400	60 200*	8.0
9.0	78.6	38.5	56 000	59 400*	45 100	55 100*	38 500	52 500*	9.0
10.0	77.0	38.2	46 300	52 600*	37 200	48 800*	31 700	46 400*	10.0
11.0	75.4	38.0	39 400	47 100*	31 500	43 600*	26 700	41 500*	11.0
12.0	73.8	37.7	34 000	42 600*	27 100	39 400*	22 900	37 400*	12.0
14.0	70.5	37.0	26 400	35 400*	20 800	32 700*	17 300	31 000	14.0
16.0	67.1	36.2	21 200	30 200*	16 400	27 800*	13 600	25 600	16.0
18.0	63.6	35.2	17 400	26 000*	13 300	23 700	10 800	21 200	18.0
20.0	60.0	34.1	14 500	22 800*	11 000	20 000	8 800	17 800	20.0
22.0	56.2	32.8	12 300	20 100*	9 100	17 200	7 100	15 200	22.0
24.0	52.3	31.3	10 500	17 800	7 600	14 800	5 800	13 100	24.0
26.0	48.2	29.5	9 000	15 600	6 300	13 000	4 700	11 400	26.0
28.0	43.7	27.5	7 700	13 800	5 200	11 400	3 800	9 900	28.0
30.0	38.9	25.1	6 600	12 200	4 400	10 000	3 000	8 600	30.0
32.0	33.4	22.3	5 600	10 900	3 600	8 800	2 300	7 500	32.0
34.0	27.0	18.7	4 800	9 700	2 900	7 700	1 700	6 600	34.0
36.0	18.4	13.6	4 100	8 700	2 200	6 800	1 100	5 700	36.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

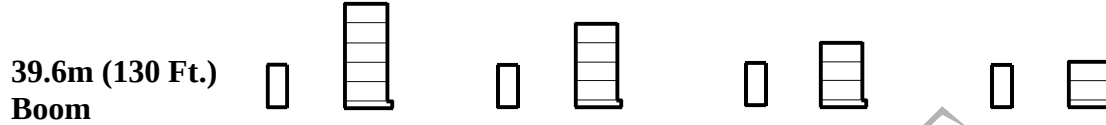
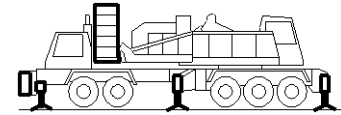
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.7	82.9	42.0	80 700*	80 700*	80 700*	80 700*	80 700*	80 700*	80 700*	80 700*	6.7
7.0	82.5	42.0	78 700*	78 700*	78 700*	78 700*	78 700*	78 700*	78 700*	78 700*	7.0
8.0	81.0	41.8	72 300*	72 300*	72 300*	72 300*	72 300*	72 300*	72 200*	72 200*	8.0
9.0	79.5	41.6	66 800*	66 800*	66 800*	66 800*	66 800*	66 800*	63 600*	63 600*	9.0
10.0	78.0	41.4	61 900*	61 900*	61 900*	61 900*	60 200*	60 200*	55 800	56 300*	10.0
11.0	76.5	41.1	57 300*	57 300*	57 300*	57 300*	54 000	54 000*	47 300	50 500*	11.0
12.0	75.1	40.9	53 100*	53 100*	52 000*	52 000*	48 100	48 800*	41 000	45 600*	12.0
14.0	72.0	40.2	46 000*	46 000*	43 300	43 400*	37 600	40 700*	32 000	38 000*	14.0
16.0	68.9	39.5	39 500*	39 500*	35 300	37 100*	30 600	34 700*	25 900	32 300*	16.0
18.0	65.8	38.6	33 800	34 300*	29 600	32 200*	25 500	30 100*	21 400	28 000*	18.0
20.0	62.5	37.6	28 800	30 200*	25 200	28 300*	21 600	26 400*	18 000	24 500*	20.0
22.0	59.2	36.4	25 000	26 800*	21 800	25 100*	18 600	23 400*	15 400	21 700*	22.0
24.0	55.7	35.1	21 900	24 000*	19 000	22 400*	16 100	20 900*	13 200	19 300*	24.0
26.0	52.1	33.6	19 400	21 700*	16 800	20 200*	14 100	18 800*	11 500	17 300*	26.0
28.0	48.3	31.8	17 300	19 600*	14 800	18 300*	12 400	16 900*	10 000	15 600*	28.0
30.0	44.2	29.9	15 500	17 800*	13 200	16 600*	11 000	15 400*	8 700	14 100*	30.0
32.0	39.8	27.5	13 900	16 300*	11 800	15 100*	9 700	14 000*	7 600	12 800*	32.0
34.0	34.9	24.8	12 500	15 000*	10 600	13 900*	8 600	12 700*	6 700	11 600	34.0
36.0	29.2	21.5	11 300	13 700*	9 500	12 700*	7 700	11 700*	5 800	10 500	36.0
38.0	22.3	17.1	10 200	12 600*	8 500	11 700*	6 800	10 700*	5 100	9 400	38.0

Liftcrane Boom Capacities

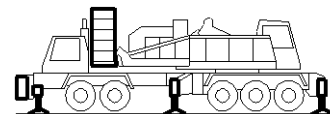
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



39.6m (130 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
6.7	82.9	42.0	80 700*	80 700*	77 100*	77 100*	70 400	73 500*	6.7
7.0	82.5	42.0	78 000*	78 000*	72 500	73 600*	64 500	70 100*	7.0
8.0	81.0	41.8	67 700	67 800*	56 500	63 000*	48 500	60 000*	8.0
9.0	79.5	41.6	56 100	59 300*	45 100	55 000*	38 600	52 300*	9.0
10.0	78.0	41.4	46 400	52 500*	37 300	48 600*	31 700	46 300*	10.0
11.0	76.5	41.1	39 400	47 000*	31 500	43 500*	26 700	41 400*	11.0
12.0	75.1	40.9	34 000	42 400*	27 100	39 200*	22 900	37 300*	12.0
14.0	72.0	40.2	26 300	35 300*	20 700	32 600*	17 300	30 900	14.0
16.0	68.9	39.5	21 100	30 000*	16 400	27 600*	13 500	25 600	16.0
18.0	65.8	38.6	17 300	25 900*	13 300	23 600	10 800	21 100	18.0
20.0	62.5	37.6	14 400	22 600*	10 900	20 000	8 700	17 700	20.0
22.0	59.2	36.4	12 200	20 000*	9 000	17 100	7 000	15 100	22.0
24.0	55.7	35.1	10 300	17 700	7 500	14 800	5 700	13 000	24.0
26.0	52.1	33.6	8 800	15 500	6 200	12 800	4 600	11 200	26.0
28.0	48.3	31.8	7 600	13 700	5 200	11 300	3 700	9 800	28.0
30.0	44.2	29.9	6 500	12 200	4 200	9 900	2 900	8 500	30.0
32.0	39.8	27.5	5 500	10 800	3 500	8 700	2 200	7 400	32.0
34.0	34.9	24.8	4 700	9 600	2 800	7 700	1 600	6 500	34.0
36.0	29.2	21.5	4 000	8 600	2 200	6 800	1 100	5 700	36.0
38.0	22.3	17.1	3 300	7 700	1 600	5 900		4 900	38.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

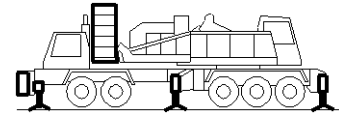
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



42.7m (140 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.3	82.6	45.0	72 800*	72 800*	72 800*	72 800*	72 800*	72 800*	72 800*	72 800*	7.3
8.0	81.6	44.9	69 100*	69 100*	69 100*	69 100*	69 100*	69 100*	69 100*	69 100*	8.0
9.0	80.3	44.7	63 600*	63 600*	63 600*	63 600*	63 600*	63 600*	63 200*	63 200*	9.0
10.0	78.9	44.5	58 800*	58 800*	58 800*	58 800*	58 800*	58 800*	55 700	56 200*	10.0
11.0	77.5	44.3	54 500*	54 500*	54 500*	54 500*	53 800*	53 800*	47 300	50 300*	11.0
12.0	76.1	44.0	50 500*	50 500*	50 500*	50 500*	48 100	48 700*	40 900	45 500*	12.0
14.0	73.3	43.4	43 700*	43 700*	43 200	43 400*	37 600	40 600*	31 900	37 900*	14.0
16.0	70.5	42.7	38 200*	38 200*	35 300	37 000*	30 500	34 600*	25 800	32 200*	16.0
18.0	67.6	41.9	33 500	33 700*	29 500	32 000*	25 400	30 000*	21 300	27 800*	18.0
20.0	64.7	41.0	28 700	30 000*	25 200	28 100*	21 500	26 300*	17 900	24 400*	20.0
22.0	61.6	40.0	24 900	26 700*	21 700	24 900*	18 500	23 200*	15 300	21 500*	22.0
24.0	58.5	38.8	21 800	23 900*	18 900	22 300*	16 000	20 800*	13 200	19 200*	24.0
26.0	55.2	37.4	19 300	21 500*	16 700	20 100*	14 000	18 600*	11 400	17 200*	26.0
28.0	51.9	35.9	17 200	19 500*	14 700	18 200*	12 300	16 800*	9 900	15 500*	28.0
30.0	48.3	34.1	15 400	17 800*	13 100	16 500*	10 900	15 200*	8 600	14 000*	30.0
32.0	44.5	32.2	13 800	16 100*	11 700	15 000*	9 600	13 900*	7 500	12 700*	32.0
34.0	40.5	29.9	12 400	14 700*	10 500	13 700*	8 600	12 600*	6 600	11 500	34.0
36.0	36.1	27.3	11 200	13 400*	9 400	12 600*	7 600	11 500*	5 700	10 400	36.0
38.0	31.1	24.1	10 200	12 200*	8 400	11 600*	6 700	10 600*	5 000	9 300	38.0
40.0	25.2	20.2	9 200	11 100*	7 600	10 600*	5 900	9 700*	4 300	8 400	40.0
42.0	17.4	14.8	8 300	10 200*	6 800	9 700*	5 200	8 900*	3 700	7 600	42.0

Liftcrane Boom Capacities

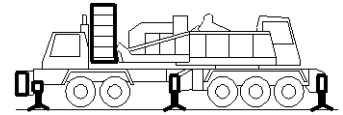
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



42.7m (140 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.3	82.6	45.0	72 800*	72 800*	67 800	69 700*	58 400	66 400*	7.3
8.0	81.6	44.9	67 700	67 800*	56 600	62 900*	48 600	59 900*	8.0
9.0	80.3	44.7	56 200	59 100*	45 200	54 800*	38 700	52 200*	9.0
10.0	78.9	44.5	46 400	52 300*	37 300	48 500*	31 800	46 200*	10.0
11.0	77.5	44.3	39 400	46 900*	31 500	43 400*	26 700	41 200*	11.0
12.0	76.1	44.0	34 000	42 300*	27 100	39 100*	22 800	37 200*	12.0
14.0	73.3	43.4	26 300	35 200*	20 700	32 400*	17 200	30 700	14.0
16.0	70.5	42.7	21 100	29 800*	16 300	27 500*	13 400	25 500	16.0
18.0	67.6	41.9	17 200	25 800*	13 200	23 500	10 700	21 000	18.0
20.0	64.7	41.0	14 400	22 500*	10 800	19 900	8 600	17 600	20.0
22.0	61.6	40.0	12 100	19 800*	8 900	17 000	6 900	15 000	22.0
24.0	58.5	38.8	10 200	17 500	7 400	14 700	5 600	12 900	24.0
26.0	55.2	37.4	8 700	15 400	6 100	12 800	4 500	11 100	26.0
28.0	51.9	35.9	7 500	13 600	5 100	11 200	3 600	9 700	28.0
30.0	48.3	34.1	6 400	12 000	4 200	9 800	2 800	8 400	30.0
32.0	44.5	32.2	5 400	10 700	3 400	8 600	2 100	7 300	32.0
34.0	40.5	29.9	4 600	9 600	2 700	7 600	1 500	6 400	34.0
36.0	36.1	27.3	3 900	8 500	2 100	6 700	1 000	5 600	36.0
38.0	31.1	24.1	3 300	7 600	1 600	5 900		4 800	38.0
40.0	25.2	20.2	2 700	6 800		5 200		4 100	40.0
42.0	17.4	14.8	2 100	6 000		4 500		3 500	42.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

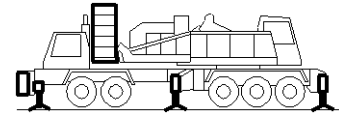
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



45.7m (150 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.3	48.0	73 000*	73 000*	73 000*	73 000*	73 000*	73 000*	73 000*	73 000*	7.9
8.0	82.2	48.0	72 700*	72 700*	72 700*	72 700*	72 700*	72 700*	72 300*	72 300*	8.0
9.0	80.9	47.8	67 900*	67 900*	67 900*	67 900*	67 300*	67 300*	63 200*	63 200*	9.0
10.0	79.7	47.6	61 400*	61 400*	61 400*	61 400*	59 800*	59 800*	55 500	55 900*	10.0
11.0	78.4	47.4	56 000*	56 000*	56 000*	56 000*	53 500*	53 500*	47 200	50 100*	11.0
12.0	77.1	47.2	51 500*	51 500*	51 400*	51 400*	47 900	48 400*	40 900	45 200*	12.0
14.0	74.5	46.6	44 500*	44 500*	42 900	43 000*	37 400	40 300*	31 800	37 600*	14.0
16.0	71.9	46.0	39 000*	39 000*	35 100	36 600*	30 400	34 300*	25 600	31 900*	16.0
18.0	69.2	45.2	33 400	33 900*	29 300	31 800*	25 200	29 600*	21 100	27 600*	18.0
20.0	66.5	44.4	28 500	29 800*	24 900	27 900*	21 300	26 000*	17 800	24 100*	20.0
22.0	63.7	43.4	24 700	26 400*	21 500	24 700*	18 300	23 000*	15 100	21 200*	22.0
24.0	60.8	42.3	21 600	23 600*	18 700	22 000*	15 800	20 400*	12 900	18 900*	24.0
26.0	57.9	41.1	19 000	21 200*	16 400	19 800*	13 800	18 300*	11 100	16 900*	26.0
28.0	54.8	39.7	16 900	19 200*	14 500	17 800*	12 100	16 500*	9 700	15 200*	28.0
30.0	51.7	38.2	15 100	17 400*	12 900	16 200*	10 600	14 900*	8 400	13 700*	30.0
32.0	48.4	36.4	13 500	15 900*	11 400	14 700*	9 400	13 600*	7 300	12 400*	32.0
34.0	44.8	34.5	12 200	14 500*	10 200	13 400*	8 300	12 300*	6 300	11 200	34.0
36.0	41.1	32.3	11 000	13 300*	9 100	12 300*	7 300	11 300*	5 500	10 100	36.0
38.0	37.1	29.7	9 900	12 200*	8 200	11 200*	6 500	10 300*	4 700	9 100	38.0
40.0	32.6	26.7	8 900	11 300*	7 300	10 400*	5 700	9 400*	4 000	8 200	40.0
42.0	27.4	23.1	8 100	10 400*	6 500	9 500*	5 000	8 600*	3 500	7 400	42.0
44.0	21.1	18.5	7 300	9 600*	5 800	8 700*	4 400	7 800*	2 900	6 600	44.0

Liftcrane Boom Capacities

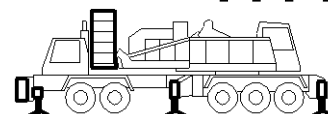
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



45.7m (150 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.3	48.0	68 200*	68 200*	57 800	63 300*	49 800	60 300*	7.9
8.0	82.2	48.0	67 400	67 500*	56 900	62 600*	48 900	59 700*	8.0
9.0	80.9	47.8	56 200	58 900*	45 300	54 600*	38 700	52 000*	9.0
10.0	79.7	47.6	46 400	52 100*	37 300	48 200*	31 800	45 900*	10.0
11.0	78.4	47.4	39 300	46 600*	31 500	43 100*	26 700	41 000*	11.0
12.0	77.1	47.2	33 900	42 000*	27 000	38 800*	22 700	36 900*	12.0
14.0	74.5	46.6	26 100	34 800*	20 500	32 100*	17 100	30 500	14.0
16.0	71.9	46.0	20 900	29 600*	16 100	27 200*	13 200	25 400	16.0
18.0	69.2	45.2	17 100	25 500*	13 000	23 200	10 500	20 800	18.0
20.0	66.5	44.4	14 100	22 200*	10 500	19 600	8 300	17 400	20.0
22.0	63.7	43.4	11 900	19 500*	8 700	16 700	6 700	14 800	22.0
24.0	60.8	42.3	10 000	17 300	7 100	14 400	5 300	12 700	24.0
26.0	57.9	41.1	8 500	15 200	5 900	12 500	4 300	10 900	26.0
28.0	54.8	39.7	7 200	13 300	4 800	10 900	3 300	9 400	28.0
30.0	51.7	38.2	6 100	11 800	3 900	9 600	2 500	8 200	30.0
32.0	48.4	36.4	5 200	10 500	3 100	8 300	1 900	7 100	32.0
34.0	44.8	34.5	4 400	9 300	2 400	7 300	1 300	6 100	34.0
36.0	41.1	32.3	3 600	8 300	1 800	6 400		5 300	36.0
38.0	37.1	29.7	3 000	7 300	1 300	5 600		4 600	38.0
40.0	32.6	26.7	2 400	6 600		4 900		3 900	40.0
42.0	27.4	23.1	1 900	5 800		4 300		3 300	42.0
44.0	21.1	18.5	1 400	5 100		3 600		2 700	44.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

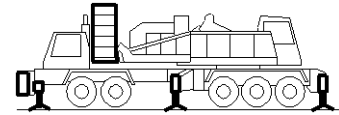
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



48.8m (160 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.8	51.0	70 700*	70 700*	70 700*	70 700*	70 700*	70 700*	70 700*	70 700*	7.9
8.0	82.7	51.0	70 400*	70 400*	70 400*	70 400*	70 400*	70 400*	70 200*	70 200*	8.0
9.0	81.5	50.9	66 300*	66 300*	66 300*	66 300*	66 300*	66 300*	63 200*	63 200*	9.0
10.0	80.3	50.7	60 100*	60 100*	60 100*	60 100*	59 700*	59 700*	55 400	55 800*	10.0
11.0	79.1	50.5	54 700*	54 700*	54 700*	54 700*	53 400*	53 400*	47 200	49 900*	11.0
12.0	77.9	50.3	50 300*	50 300*	50 300*	50 300*	47 800	48 200*	40 800	45 000*	12.0
14.0	75.5	49.8	43 400*	43 400*	42 800	42 900*	37 300	40 100*	31 700	37 400*	14.0
16.0	73.0	49.2	38 300*	38 300*	35 000	36 500*	30 300	34 100*	25 500	31 800*	16.0
18.0	70.6	48.5	33 400	33 700*	29 200	31 600*	25 100	29 500*	21 000	27 400*	18.0
20.0	68.0	47.7	28 400	29 600*	24 800	27 700*	21 200	25 800*	17 600	23 900*	20.0
22.0	65.4	46.8	24 600	26 200*	21 300	24 500*	18 200	22 800*	15 000	21 100*	22.0
24.0	62.8	45.8	21 500	23 400*	18 600	21 900*	15 700	20 300*	12 800	18 700*	24.0
26.0	60.1	44.7	18 900	21 100*	16 300	19 600*	13 700	18 200*	11 000	16 700*	26.0
28.0	57.3	43.4	16 800	19 000*	14 400	17 700*	11 900	16 300*	9 500	15 000*	28.0
30.0	54.5	42.0	15 000	17 300*	12 700	16 000*	10 500	14 800*	8 200	13 500*	30.0
32.0	51.5	40.5	13 400	15 700*	11 300	14 600*	9 300	13 400*	7 200	12 200*	32.0
34.0	48.4	38.7	12 000	14 400*	10 100	13 300*	8 100	12 200*	6 200	11 100	34.0
36.0	45.1	36.8	10 800	13 200*	9 000	12 200*	7 200	11 100*	5 400	10 000	36.0
38.0	41.6	34.6	9 800	12 100*	8 100	11 100*	6 300	10 200*	4 600	9 000	38.0
40.0	37.9	32.1	8 800	11 200*	7 200	10 200*	5 600	9 300*	4 000	8 000	40.0
42.0	33.8	29.3	8 000	10 200*	6 400	9 400*	4 900	8 400*	3 300	7 200	42.0
44.0	29.2	25.9	7 200	9 500*	5 700	8 600*	4 300	7 600*	2 800	6 500	44.0
46.0	23.8	21.7	6 500	8 700*	5 100	7 900*	3 700	6 900*	2 300	5 800	46.0
48.0	16.7	16.0	5 800	7 800*	4 500	7 200*	3 100	6 200*	1 800	5 200	48.0

Liftcrane Boom Capacities

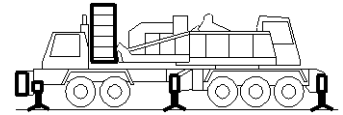
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



48.8m (160 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.8	51.0	68 000*	68 000*	57 900	63 100*	49 800	60 100*	7.9
8.0	82.7	51.0	67 300	67 300*	56 900	62 500*	48 900	59 500*	8.0
9.0	81.5	50.9	56 300	58 700*	45 200	54 400*	38 700	51 800*	9.0
10.0	80.3	50.7	46 300	51 900*	37 300	48 100*	31 800	45 700*	10.0
11.0	79.1	50.5	39 300	46 400*	31 400	42 900*	26 600	40 800*	11.0
12.0	77.9	50.3	33 900	41 800*	26 900	38 700*	22 600	36 700*	12.0
14.0	75.5	49.8	26 100	34 700*	20 400	32 000*	17 000	30 300*	14.0
16.0	73.0	49.2	20 800	29 400*	16 000	27 000*	13 100	25 300	16.0
18.0	70.6	48.5	16 900	25 300*	12 900	23 100	10 400	20 700	18.0
20.0	68.0	47.7	14 000	22 000*	10 400	19 600	8 300	17 300	20.0
22.0	65.4	46.8	11 700	19 400*	8 500	16 700	6 600	14 700	22.0
24.0	62.8	45.8	9 900	17 200*	7 000	14 300	5 300	12 500	24.0
26.0	60.1	44.7	8 400	15 100	5 700	12 400	4 100	10 800	26.0
28.0	57.3	43.4	7 100	13 200	4 700	10 800	3 200	9 300	28.0
30.0	54.5	42.0	6 000	11 700	3 800	9 400	2 400	8 000	30.0
32.0	51.5	40.5	5 100	10 300	3 000	8 300	1 700	6 900	32.0
34.0	48.4	38.7	4 300	9 200	2 300	7 200	1 100	6 000	34.0
36.0	45.1	36.8	3 500	8 200	1 700	6 300		5 200	36.0
38.0	41.6	34.6	2 900	7 300	1 200	5 500		4 400	38.0
40.0	37.9	32.1	2 300	6 400		4 800		3 800	40.0
42.0	33.8	29.3	1 800	5 700		4 100		3 200	42.0
44.0	29.2	25.9	1 300	5 000		3 500		2 600	44.0
46.0	23.8	21.7		4 400		3 000		2 200	46.0
48.0	16.7	16.0		3 800		2 500		1 700	48.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

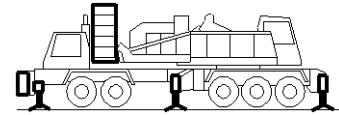
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**51.8m (170 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
8.5	82.5	54.0	66 900*	66 900*	66 900*	66 900*	66 900*	66 900*	66 900*	66 900*	8.5
9.0	82.0	54.0	65 100*	65 100*	65 100*	65 100*	65 100*	65 100*	63 000*	63 000*	9.0
10.0	80.9	53.8	58 900*	58 900*	58 900*	58 900*	58 900*	58 900*	55 400	55 700*	10.0
11.0	79.8	53.6	53 600*	53 600*	53 600*	53 600*	53 600*	53 400*	47 200	49 900*	11.0
12.0	78.6	53.4	49 200*	49 200*	49 200*	49 200*	47 800	48 200*	40 800	45 000*	12.0
14.0	76.4	53.0	42 400*	42 400*	42 200	42 300*	37 300	40 100*	31 700	37 400*	14.0
16.0	74.1	52.4	37 300*	37 300*	35 100	36 500*	30 300	34 100*	25 500	31 700*	16.0
18.0	71.7	51.7	33 100	33 300*	29 200	31 600*	25 100	29 500*	21 000	27 400*	18.0
20.0	69.4	51.0	28 400	29 500*	24 800	27 600*	21 200	25 800*	17 600	23 900*	20.0
22.0	67.0	50.2	24 600	26 200*	21 300	24 500*	18 100	22 800*	15 000	21 100*	22.0
24.0	64.5	49.2	21 500	23 400*	18 600	21 800*	15 700	20 200*	12 800	18 700*	24.0
26.0	62.1	48.2	18 900	21 000*	16 300	19 600*	13 700	18 100*	11 000	16 700*	26.0
28.0	59.5	47.0	16 800	19 000*	14 400	17 700*	11 900	16 300*	9 500	15 000*	28.0
30.0	56.9	45.8	15 000	17 300*	12 700	16 000*	10 500	14 800*	8 200	13 500*	30.0
32.0	54.2	44.3	13 400	15 700*	11 300	14 600*	9 300	13 400*	7 200	12 200*	32.0
34.0	51.4	42.8	12 000	14 400*	10 100	13 300*	8 100	12 200*	6 200	11 100	34.0
36.0	48.4	41.0	10 800	13 200*	9 000	12 100*	7 200	11 100*	5 400	10 000	36.0
38.0	45.4	39.1	9 800	12 100*	8 100	11 100*	6 300	10 200*	4 600	9 000	38.0
40.0	42.1	37.0	8 800	11 100*	7 200	10 200*	5 600	9 300*	4 000	8 100	40.0
42.0	38.6	34.5	8 000	10 200*	6 400	9 400*	4 900	8 500*	3 300	7 200	42.0
44.0	34.9	31.8	7 200	9 500*	5 700	8 600*	4 300	7 700*	2 800	6 500	44.0
46.0	30.7	28.6	6 500	8 700*	5 100	7 900*	3 700	6 900*	2 300	5 800	46.0
48.0	25.9	24.7	5 800	8 000*	4 500	7 200*	3 200	6 200*	1 900	5 200	48.0
50.0	20.0	19.8	5 300	7 400*	4 000	6 500*	2 700	5 600*	1 400	4 700	50.0

Liftcrane Boom Capacities

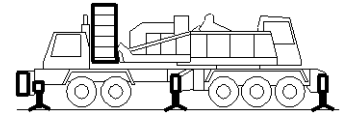
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



51.8m (170 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		0 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
8.5	82.5	54.0	61 800	62 400*	50 100	57 900*	43 000	55 100*	8.5
9.0	82.0	54.0	56 200	58 700*	45 400	54 400*	38 900	51 900*	9.0
10.0	80.9	53.8	46 400	51 900*	37 300	48 000*	31 800	45 700*	10.0
11.0	79.8	53.6	39 300	46 400*	31 400	42 900*	26 600	40 800*	11.0
12.0	78.6	53.4	33 900	41 800*	26 900	38 600*	22 600	36 700*	12.0
14.0	76.4	53.0	26 000	34 700*	20 400	32 000*	17 000	30 300*	14.0
16.0	74.1	52.4	20 800	29 400*	16 000	27 000*	13 100	25 300	16.0
18.0	71.7	51.7	16 900	25 300*	12 800	23 100	10 300	20 700	18.0
20.0	69.4	51.0	14 000	22 000*	10 400	19 500	8 300	17 300	20.0
22.0	67.0	50.2	11 700	19 300*	8 500	16 600	6 500	14 600	22.0
24.0	64.5	49.2	9 900	17 100*	7 000	14 300	5 200	12 500	24.0
26.0	62.1	48.2	8 400	15 100	5 700	12 400	4 100	10 800	26.0
28.0	59.5	47.0	7 100	13 200	4 700	10 800	3 200	9 300	28.0
30.0	56.9	45.8	6 000	11 700	3 800	9 400	2 400	8 000	30.0
32.0	54.2	44.3	5 100	10 300	3 000	8 300	1 700	6 900	32.0
34.0	51.4	42.8	4 300	9 200	2 300	7 200		6 000	34.0
36.0	48.4	41.0	3 500	8 200	1 700	6 300		5 200	36.0
38.0	45.4	39.1	2 900	7 300	1 200	5 500		4 400	38.0
40.0	42.1	37.0	2 300	6 400		4 800		3 800	40.0
42.0	38.6	34.5	1 800	5 700		4 100		3 200	42.0
44.0	34.9	31.8	1 300	5 000		3 500		2 700	44.0
46.0	30.7	28.6		4 400		3 000		2 200	46.0
48.0	25.9	24.7		3 900		2 500		1 700	48.0
50.0	20.0	19.8		3 400		2 100		1 300	50.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

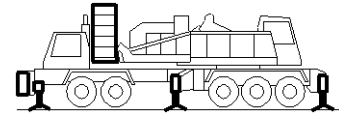
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



54.9m (180 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
8.5	82.9	57.1	60 500*	60 500*	60 500*	60 500*	60 500*	60 500*	60 500*	60 500*	8.5
9.0	82.5	57.1	58 900*	58 900*	58 900*	58 900*	58 900*	58 900*	58 900*	58 900*	9.0
10.0	81.4	56.9	55 900*	55 900*	55 900*	55 900*	55 900*	55 900*	55 100	55 400*	10.0
11.0	80.3	56.7	52 300*	52 300*	52 300*	52 300*	52 300*	52 300*	47 200	49 700*	11.0
12.0	79.3	56.5	48 000*	48 000*	48 000*	48 000*	47 600	47 900*	40 800	44 800*	12.0
14.0	77.1	56.1	41 200*	41 200*	41 200	41 200*	37 200	39 900*	31 600	37 200*	14.0
16.0	75.0	55.6	36 200*	36 200*	35 200	36 100*	30 100	33 900*	25 400	31 500*	16.0
18.0	72.8	55.0	32 300*	32 300*	29 100	31 400*	25 000	29 300*	20 900	27 200*	18.0
20.0	70.6	54.3	28 300	29 100*	24 700	27 500*	21 100	25 600*	17 500	23 700*	20.0
22.0	68.3	53.5	24 400	26 000*	21 200	24 300*	18 000	22 600*	14 800	20 800*	22.0
24.0	66.1	52.6	21 300	23 200*	18 400	21 600*	15 500	20 100*	12 600	18 500*	24.0
26.0	63.7	51.6	18 800	20 900*	16 100	19 400*	13 500	18 000*	10 900	16 500*	26.0
28.0	61.4	50.6	16 600	18 800*	14 200	17 500*	11 800	16 200*	9 300	14 800*	28.0
30.0	58.9	49.4	14 800	17 100*	12 600	15 800*	10 300	14 600*	8 100	13 300*	30.0
32.0	56.5	48.1	13 200	15 600*	11 200	14 400*	9 100	13 200*	7 000	12 000*	32.0
34.0	53.9	46.7	11 800	14 200*	9 900	13 100*	8 000	12 000*	6 000	10 900*	34.0
36.0	51.2	45.1	10 700	13 000*	8 800	12 000*	7 000	10 900*	5 200	9 800	36.0
38.0	48.5	43.3	9 600	11 900*	7 900	10 900*	6 200	9 900*	4 400	8 800	38.0
40.0	45.6	41.4	8 700	10 900*	7 100	10 000*	5 400	9 100*	3 800	7 900	40.0
42.0	42.5	39.3	7 800	10 100*	6 300	9 200*	4 700	8 200*	3 200	7 100	42.0
44.0	39.3	36.9	7 000	9 300*	5 600	8 400*	4 100	7 400*	2 600	6 400	44.0
46.0	35.8	34.2	6 300	8 500*	4 900	7 700*	3 500	6 700*	2 200	5 700	46.0
48.0	32.0	31.2	5 700	7 900*	4 400	7 000*	3 000	6 000*	1 700	5 000*	48.0
50.0	27.7	27.6	5 100	7 200*	3 800	6 400*	2 600	5 400*	1 300	4 500*	50.0
52.0	22.6	23.2	4 500	6 600*	3 300	5 700*	2 100	4 800*		3 900*	52.0
54.0	16.0	17.2	4 000	5 700*	2 800	5 100*	1 700	4 200*		3 400*	54.0

Liftcrane Boom Capacities

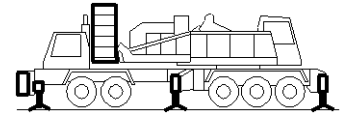
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



54.9m (180 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.		4 720 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
8.5	82.9	57.1	60 500*	60 500*	50 200	57 700*	8.5
9.0	82.5	57.1	55 900	58 200*	45 500	54 300*	9.0
10.0	81.4	56.9	46 400	51 700*	37 300	47 900*	10.0
11.0	80.3	56.7	39 300	46 200*	31 400	42 700*	11.0
12.0	79.3	56.5	33 800	41 600*	26 900	38 400*	12.0
14.0	77.1	56.1	26 000	34 500*	20 300	31 800*	14.0
16.0	75.0	55.6	20 700	29 200*	15 900	26 800*	16.0
18.0	72.8	55.0	16 800	25 100*	12 700	23 000	18.0
20.0	70.6	54.3	13 900	21 800*	10 300	19 400	20.0
22.0	68.3	53.5	11 600	19 200*	8 400	16 500	22.0
24.0	66.1	52.6	9 700	16 900*	6 800	14 100	24.0
26.0	63.7	51.6	8 200	14 900	5 600	12 200	26.0
28.0	61.4	50.6	6 900	13 100	4 500	10 600	28.0
30.0	58.9	49.4	5 900	11 500	3 600	9 200	30.0
32.0	56.5	48.1	4 900	10 200	2 800	8 100	32.0
34.0	53.9	46.7	4 100	9 000	2 200	7 000	34.0
36.0	51.2	45.1	3 300	8 000	1 500	6 100	36.0
38.0	48.5	43.3	2 700	7 100	1 000	5 300	38.0
40.0	45.6	41.4	2 200	6 200		4 600	40.0
42.0	42.5	39.3	1 600	5 500		4 000	42.0
44.0	39.3	36.9	1 200	4 900		3 400	44.0
46.0	35.8	34.2		4 300		2 900	46.0
48.0	32.0	31.2		3 700		2 400	48.0
50.0	27.7	27.6		3 200		1 900	50.0
52.0	22.6	23.2		2 700		1 500	52.0
54.0	16.0	17.2		2 300		1 100	54.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

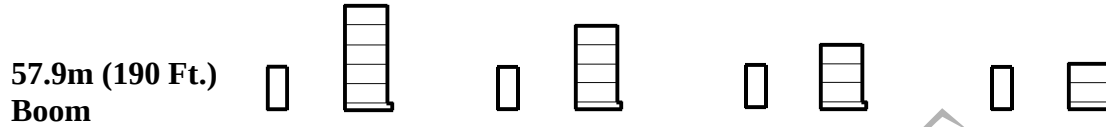
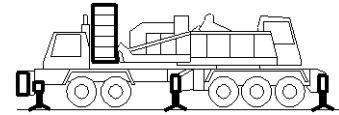
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
9.1	82.7	60.1	54 900*	54 900*	54 900*	54 900*	54 900*	54 900*	54 900*	54 900*	9.1
10.0	81.9	60.0	52 200*	52 200*	52 200*	52 200*	52 200*	52 200*	52 200*	52 200*	10.0
11.0	80.9	59.8	49 400*	49 400*	49 400*	49 400*	49 400*	49 400*	47 100	49 300*	11.0
12.0	79.8	59.6	46 600*	46 600*	46 600*	46 600*	46 600*	46 600*	40 700	44 700*	12.0
14.0	77.8	59.2	40 100*	40 100*	40 100*	40 100*	37 200	39 800*	31 500	37 000*	14.0
16.0	75.8	58.7	35 200*	35 200*	34 700	35 200*	30 000	33 700*	25 300	31 300*	16.0
18.0	73.7	58.2	31 300*	31 300*	29 000	31 200*	24 900	29 100*	20 800	27 000*	18.0
20.0	71.6	57.5	28 100	28 200*	24 500	27 300*	20 900	25 400*	17 400	23 500*	20.0
22.0	69.5	56.8	24 300	25 600*	21 100	24 100*	17 900	22 400*	14 700	20 700*	22.0
24.0	67.4	56.0	21 200	23 100*	18 300	21 500*	15 400	19 900*	12 500	18 300*	24.0
26.0	65.2	55.0	18 600	20 700*	16 000	19 200*	13 300	17 800*	10 700	16 300*	26.0
28.0	63.0	54.0	16 500	18 600*	14 000	17 300*	11 600	16 000*	9 200	14 600*	28.0
30.0	60.8	52.9	14 600	16 900*	12 400	15 600*	10 200	14 400*	7 900	13 100*	30.0
32.0	58.4	51.7	13 100	15 400*	11 000	14 200*	8 900	13 000*	6 800	11 800*	32.0
34.0	56.1	50.4	11 700	14 000*	9 700	12 900*	7 800	11 800*	5 900	10 700*	34.0
36.0	53.6	49.0	10 500	12 800*	8 700	11 800*	6 900	10 700*	5 000	9 600*	36.0
38.0	51.1	47.4	9 400	11 700*	7 700	10 700*	6 000	9 700*	4 300	8 600*	38.0
40.0	48.5	45.6	8 500	10 800*	6 900	9 900*	5 300	8 900*	3 600	7 700*	40.0
42.0	45.8	43.7	7 700	9 900*	6 100	9 000*	4 600	8 000*	3 000	6 900*	42.0
44.0	42.9	41.6	6 900	9 100*	5 400	8 200*	4 000	7 200*	2 500	6 100*	44.0
46.0	39.8	39.3	6 200	8 400*	4 800	7 500*	3 400	6 500*	2 000	5 500*	46.0
48.0	36.6	36.7	5 500	7 700*	4 200	6 800*	2 900	5 800*	1 500	4 800*	48.0
50.0	33.1	33.7	4 900	7 100*	3 700	6 100*	2 400	5 200*	1 100	4 300*	50.0
52.0	29.2	30.3	4 400	6 400*	3 200	5 500*	2 000	4 600*		3 700*	52.0
54.0	24.7	26.3	3 900	5 700*	2 700	4 900*	1 600	4 100*		3 200*	54.0
56.0	19.2	21.1	3 400	5 000*	2 300	4 400*	1 200	3 600*		2 700*	56.0

Liftcrane Boom Capacities

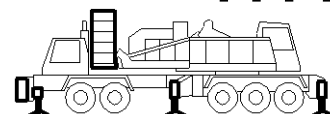
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



57.9m (190 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
9.1	82.7	60.1	54 500	54 900*
10.0	81.9	60.0	46 400	51 700*
11.0	80.9	59.8	39 200	46 000*
12.0	79.8	59.6	33 700	41 500*
14.0	77.8	59.2	25 900	34 300*
16.0	75.8	58.7	20 600	29 000*
18.0	73.7	58.2	16 700	24 900*
20.0	71.6	57.5	13 800	21 600*
22.0	69.5	56.8	11 400	19 000*
24.0	67.4	56.0	9 600	16 700*
26.0	65.2	55.0	8 000	14 700
28.0	63.0	54.0	6 800	12 900
30.0	60.8	52.9	5 700	11 400
32.0	58.4	51.7	4 800	10 000
34.0	56.1	50.4	3 900	8 800
36.0	53.6	49.0	3 200	7 800
38.0	51.1	47.4	2 600	6 900
40.0	48.5	45.6	2 000	6 100
42.0	45.8	43.7	1 500	5 400
44.0	42.9	41.6	1 000	4 700
46.0	39.8	39.3		4 100
48.0	36.6	36.7		3 600
50.0	33.1	33.7		3 100
52.0	29.2	30.3		2 600
54.0	24.7	26.3		2 200
56.0	19.2	21.1		1 800

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

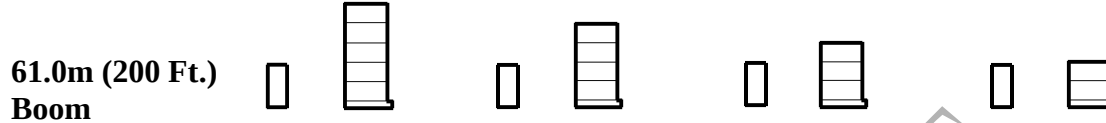
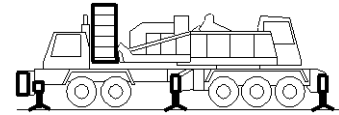
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
9.8	82.5	63.1	48 000*	48 000*	48 000*	48 000*	48 000*	48 000*	48 000*	48 000*	9.8
10.0	82.3	63.1	47 300*	47 300*	47 300*	47 300*	47 300*	47 300*	47 300*	47 300*	10.0
11.0	81.3	62.9	44 800*	44 800*	44 800*	44 800*	44 800*	44 800*	44 800	44 800*	11.0
12.0	80.4	62.7	42 400*	42 400*	42 400*	42 400*	42 400*	42 400*	40 900	42 400*	12.0
14.0	78.4	62.3	38 100*	38 100*	38 100*	38 100*	37 400	38 100*	31 400	36 900*	14.0
16.0	76.5	61.9	34 100*	34 100*	34 000	34 100*	29 900	33 700*	25 200	31 200*	16.0
18.0	74.6	61.3	30 500*	30 500*	29 000	30 500*	24 700	28 900*	20 600	26 800*	18.0
20.0	72.6	60.7	27 400	27 400*	24 400	27 100*	20 800	25 200*	17 200	23 300*	20.0
22.0	70.6	60.0	24 200	24 600*	20 900	23 900*	17 700	22 200*	14 500	20 500*	22.0
24.0	68.6	59.2	21 000	22 200*	18 100	21 200*	15 200	19 700*	12 300	18 100*	24.0
26.0	66.6	58.4	18 400	20 100*	15 800	19 000*	13 200	17 600*	10 500	16 100*	26.0
28.0	64.5	57.5	16 300	18 100*	13 900	17 100*	11 500	15 700*	9 000	14 400*	28.0
30.0	62.4	56.4	14 500	16 400*	12 200	15 400*	10 000	14 200*	7 800	12 900*	30.0
32.0	60.2	55.3	12 900	14 800*	10 800	14 000*	8 700	12 800*	6 700	11 700*	32.0
34.0	58.0	54.1	11 500	13 400*	9 600	12 700*	7 600	11 600*	5 700	10 500*	34.0
36.0	55.7	52.7	10 300	12 100*	8 500	11 600*	6 700	10 500*	4 800	9 400*	36.0
38.0	53.4	51.3	9 300	10 900*	7 500	10 600*	5 800	9 600*	4 100	8 300*	38.0
40.0	51.0	49.7	8 300	9 800*	6 700	9 600*	5 100	8 600*	3 400	7 500*	40.0
42.0	48.5	47.9	7 500	8 700*	5 900	8 800*	4 400	7 800*	2 800	6 600*	42.0
44.0	45.9	46.0	6 700	7 800*	5 200	7 800*	3 800	7 000*	2 300	5 900*	44.0
46.0	43.2	44.0	6 000	6 900*	4 600	6 900*	3 200	6 200*	1 800	5 200*	46.0
48.0	40.4	41.7	5 300	6 100*	4 000	6 100*	2 700	5 500*	1 300	4 600*	48.0
50.0	37.3	39.1	4 800	5 300*	3 500	5 300*	2 200	4 900*	900	4 000*	50.0
52.0	34.0	36.3	4 200	4 600*	3 000	4 600*	1 800	4 400*		3 500*	52.0
54.0	30.4	33.0	3 700	4 000*	2 600	4 000*	1 400	3 900*		3 000*	54.0
56.0	26.4	29.2	3 300	3 300*	2 100	3 300*	1 000	3 300*		2 500*	56.0
58.0	21.6	24.6	2 700*	2 700*	1 700	2 700*		2 700*		2 100*	58.0
60.0	15.5	18.4	2 200*	2 200*	1 300	2 200*		2 200*		1 600*	60.0

Liftcrane Boom Capacities

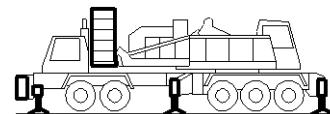
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



61.0m (200 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	12 430 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
9.8	82.5	63.1	48 000*	48 000*
10.0	82.3	63.1	46 200	47 300*
11.0	81.3	62.9	39 200	44 800*
12.0	80.4	62.7	33 700	41 400*
14.0	78.4	62.3	25 800	34 100*
16.0	76.5	61.9	20 400	28 800*
18.0	74.6	61.3	16 600	24 700*
20.0	72.6	60.7	13 600	21 400*
22.0	70.6	60.0	11 300	18 800*
24.0	68.6	59.2	9 400	16 500*
26.0	66.6	58.4	7 900	14 600
28.0	64.5	57.5	6 600	12 800
30.0	62.4	56.4	5 500	11 200
32.0	60.2	55.3	4 600	9 800
34.0	58.0	54.1	3 800	8 700
36.0	55.7	52.7	3 000	7 600
38.0	53.4	51.3	2 400	6 700
40.0	51.0	49.7	1 800	5 900
42.0	48.5	47.9	1 300	5 200
44.0	45.9	46.0		4 500
46.0	43.2	44.0		3 900
48.0	40.4	41.7		3 400
50.0	37.3	39.1		2 900
52.0	34.0	36.3		2 400
54.0	30.4	33.0		2 000
56.0	26.4	29.2		1 600
58.0	21.6	24.6		1 200

Liftcrane Boom Capacities

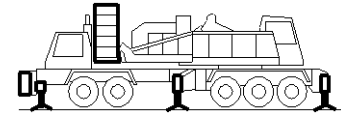
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



64.0m (210 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
10.4	82.3	66.1	48 100*	48 100*	48 100*	48 100*	48 100*	48 100*	48 100*	48 100*	10.4
11.0	81.7	66.0	46 700*	46 700*	46 700*	46 700*	46 700*	46 700*	46 600	46 700*	11.0
12.0	80.8	65.8	44 600*	44 600*	44 600*	44 600*	44 600*	44 600*	40 600	44 200*	12.0
14.0	79.0	65.5	38 800*	38 800*	38 800*	38 800*	38 800*	37 100	38 800*	31 300	14.0
16.0	77.2	65.0	33 900*	33 900*	33 800	33 900*	29 800	33 500*	25 100	31 000*	16.0
18.0	75.3	64.5	30 100*	30 100*	28 800	30 100*	24 600	28 700*	20 500	26 600*	18.0
20.0	73.5	63.9	27 100	27 100*	24 300	27 000*	20 700	25 000*	17 100	23 100*	20.0
22.0	71.6	63.3	24 100	24 500*	20 800	23 800*	17 600	22 000*	14 400	20 300*	22.0
24.0	69.7	62.5	20 900	22 300*	18 000	21 100*	15 100	19 500*	12 200	18 000*	24.0
26.0	67.7	61.7	18 300	20 300*	15 700	18 900*	13 100	17 400*	10 400	16 000*	26.0
28.0	65.8	60.8	16 200	18 300*	13 800	16 900*	11 300	15 600*	8 900	14 300*	28.0
30.0	63.8	59.9	14 400	16 500*	12 100	15 300*	9 900	14 000*	7 600	12 800*	30.0
32.0	61.8	58.8	12 800	15 000*	10 700	13 800*	8 600	12 700*	6 500	11 500*	32.0
34.0	59.7	57.7	11 400	13 700*	9 500	12 600*	7 500	11 500*	5 600	10 300*	34.0
36.0	57.6	56.4	10 200	12 500*	8 400	11 400*	6 500	10 400*	4 700	9 200*	36.0
38.0	55.4	55.0	9 200	11 400*	7 400	10 400*	5 700	9 400*	4 000	8 200*	38.0
40.0	53.2	53.6	8 200	10 400*	6 600	9 500*	4 900	8 500*	3 300	7 300*	40.0
42.0	50.9	52.0	7 300	9 600*	5 800	8 700*	4 200	7 600*	2 700	6 500*	42.0
44.0	48.5	50.2	6 600	8 800*	5 100	7 900*	3 600	6 800*	2 200	5 700*	44.0
46.0	46.1	48.3	5 900	8 100*	4 500	7 100*	3 100	6 100*	1 700	5 100*	46.0
48.0	43.5	46.3	5 300	7 300*	3 900	6 400*	2 600	5 400*	1 200	4 400*	48.0
50.0	40.8	44.0	4 700	6 700*	3 400	5 700*	2 100	4 800*		3 900*	50.0
52.0	37.9	41.5	4 100	6 000*	2 900	5 100*	1 700	4 300*		3 300*	52.0
54.0	34.9	38.8	3 600	5 400*	2 400	4 600*	1 300	3 700*		2 800*	54.0
56.0	31.5	35.6	3 200	4 900*	2 000	4 000*		3 200*		2 400*	56.0
58.0	27.9	32.0	2 700	4 400*	1 700	3 600*		2 700*		1 900*	58.0
60.0	23.6	27.7	2 300	3 800*	1 300	3 100*		2 300*		1 500*	60.0
62.0	18.5	22.4	1 900	3 300*	900	2 600*		1 900*		1 100*	62.0
64.0	11.2	14.5	1 600	2 300*		2 200*		1 500*			64.0

Liftcrane Boom Capacities

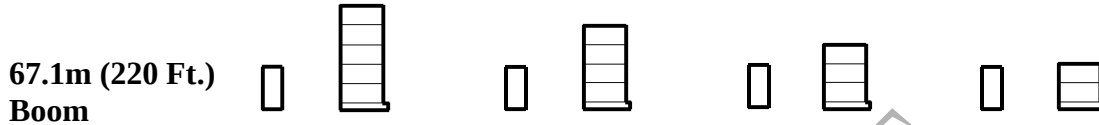
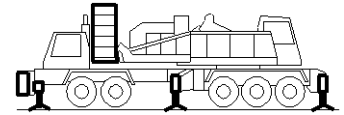
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		20 140 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
11.0	82.1	69.1	48 800*	48 800*	48 800*	48 800*	48 800*	48 800*	47 100	48 800*	11.0
12.0	81.2	68.9	44 400*	44 400*	44 400*	44 400*	44 400*	44 400*	40 500	44 200*	12.0
14.0	79.5	68.6	37 800*	37 800*	37 800*	37 800*	37 100	37 800*	31 300	36 600*	14.0
16.0	77.8	68.1	33 000*	33 000*	33 000*	33 000*	29 700	33 000*	25 000	30 900*	16.0
18.0	76.0	67.7	29 200*	29 200*	28 600	29 200*	24 600	28 700*	20 500	26 600*	18.0
20.0	74.2	67.1	26 200*	26 200*	24 200	26 200*	20 600	25 000*	17 000	23 100*	20.0
22.0	72.4	66.5	23 700	23 800*	20 700	23 700*	17 500	22 000*	14 300	20 200*	22.0
24.0	70.6	65.8	20 900	21 600*	17 900	21 100*	15 000	19 500*	12 200	17 900*	24.0
26.0	68.8	65.0	18 300	19 900*	15 600	18 800*	13 000	17 400*	10 400	15 900*	26.0
28.0	66.9	64.2	16 100	18 200*	13 700	16 900*	11 200	15 500*	8 800	14 200*	28.0
30.0	65.1	63.3	14 300	16 500*	12 100	15 200*	9 800	14 000*	7 600	12 700*	30.0
32.0	63.2	62.3	12 700	14 900*	10 600	13 800*	8 500	12 600*	6 400	11 400*	32.0
34.0	61.2	61.2	11 300	13 600*	9 400	12 500*	7 500	11 400*	5 500	10 200*	34.0
36.0	59.2	60.0	10 200	12 400*	8 300	11 400*	6 500	10 300*	4 700	9 100*	36.0
38.0	57.2	58.7	9 100	11 300*	7 300	10 300*	5 600	9 300*	3 900	8 100*	38.0
40.0	55.1	57.4	8 100	10 300*	6 500	9 400*	4 900	8 400*	3 200	7 200*	40.0
42.0	53.0	55.9	7 300	9 500*	5 700	8 600*	4 200	7 500*	2 600	6 400*	42.0
44.0	50.8	54.3	6 500	8 700*	5 000	7 800*	3 600	6 700*	2 100	5 600*	44.0
46.0	48.6	52.5	5 800	8 000*	4 400	7 000*	3 000	6 000*	1 600	5 000*	46.0
48.0	46.2	50.7	5 200	7 300*	3 800	6 300*	2 500	5 300*	1 200	4 300*	48.0
50.0	43.8	48.6	4 600	6 600*	3 300	5 700*	2 000	4 700*		3 800*	50.0
52.0	41.2	46.4	4 100	5 900*	2 900	5 100*	1 600	4 200*		3 300*	52.0
54.0	38.5	43.9	3 600	5 300*	2 400	4 500*	1 200	3 600*		2 700*	54.0
56.0	35.6	41.2	3 100	4 800*	2 000	4 000*		3 100*		2 300*	56.0
58.0	32.5	38.2	2 700	4 300*	1 600	3 500*		2 700*		1 900*	58.0
60.0	29.1	34.8	2 300	3 800*	1 200	3 000*		2 200*		1 500*	60.0
62.0	25.3	30.8	1 900	3 400*		2 600*		1 800*		1 100*	62.0
64.0	20.8	25.9	1 500	2 900*		2 200*		1 400*			64.0
66.0	15.1	19.5	1 200	2 200*		1 800*		1 100*			66.0

Liftcrane Boom Capacities

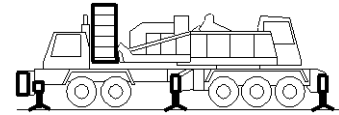
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

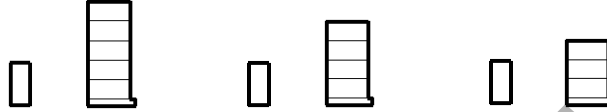
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



70.1m (230 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		27 850 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
11.6	82.0	72.1	43 000*	43 000*	43 000*	43 000*	43 000*	43 000*	11.6
12.0	81.6	72.0	42 300*	42 300*	42 300*	42 300*	42 300*	42 300*	12.0
14.0	80.0	71.7	37 000*	37 000*	37 000*	37 000*	36 800	37 000*	14.0
16.0	78.3	71.3	32 100*	32 100*	32 100*	32 100*	29 700	32 100*	16.0
18.0	76.6	70.8	28 400*	28 400*	28 300	28 400*	24 400	28 400*	18.0
20.0	74.9	70.3	25 500*	25 500*	24 100	25 500*	20 500	24 800*	20.0
22.0	73.2	69.7	23 000*	23 000*	20 600	23 000*	17 400	21 800*	22.0
24.0	71.5	69.0	20 700	20 900*	17 800	20 800*	14 900	19 300*	24.0
26.0	69.8	68.3	18 100	19 200*	15 500	18 600*	12 800	17 100*	26.0
28.0	68.0	67.5	15 900	17 700*	13 500	16 700*	11 100	15 300*	28.0
30.0	66.2	66.6	14 100	16 200*	11 900	15 000*	9 600	13 800*	30.0
32.0	64.4	65.7	12 500	14 700*	10 400	13 600*	8 300	12 400*	32.0
34.0	62.6	64.7	11 200	13 400*	9 200	12 300*	7 300	11 200*	34.0
36.0	60.7	63.5	9 900	12 200*	8 100	11 100*	6 300	10 100*	36.0
38.0	58.8	62.3	8 900	11 100*	7 200	10 100*	5 400	9 100*	38.0
40.0	56.9	61.1	7 900	10 200*	6 300	9 200*	4 700	8 100*	40.0
42.0	54.9	59.7	7 100	9 300*	5 500	8 400*	4 000	7 300*	42.0
44.0	52.8	58.2	6 300	8 500*	4 900	7 500*	3 400	6 500*	44.0
46.0	50.7	56.6	5 600	7 700*	4 200	6 700*	2 800	5 700*	46.0
48.0	48.6	54.8	5 000	6 900*	3 600	6 000*	2 300	5 100*	48.0
50.0	46.3	53.0	4 400	6 300*	3 100	5 400*	1 800	4 400*	50.0
52.0	44.0	50.9	3 900	5 600*	2 600	4 800*	1 400	3 900*	52.0
54.0	41.6	48.7	3 400	4 900*	2 200	4 200*	1 000	3 400*	54.0
56.0	39.0	46.3	2 900	4 300*	1 800	3 700*		2 900*	56.0
58.0	36.3	43.7	2 500	3 700*	1 400	3 200*		2 400*	58.0
60.0	33.4	40.7	2 100	3 100*	1 000	2 800*		2 000*	60.0
62.0	30.2	37.4	1 700	2 600*		2 400*		1 600*	62.0
64.0	26.7	33.7	1 400	2 100*		1 900*		1 200*	64.0
66.0	22.8	29.2	1 000	1 600*		1 500*			66.0
68.0	17.9	23.6		1 100*		1 100*			68.0

Liftcrane Boom Capacities

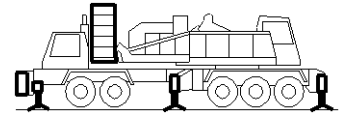
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



73.2m (240 Ft.)
Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
12.2	81.8	75.1	38 000*	38 000*	38 000*	38 000*	12.2
14.0	80.4	74.8	35 100*	35 100*	35 100*	35 100*	14.0
16.0	78.8	74.4	31 600*	31 600*	31 600*	31 600*	16.0
18.0	77.2	73.9	27 700*	27 700*	27 700*	27 700*	18.0
20.0	75.6	73.4	24 700*	24 700*	24 000	24 700*	20.0
22.0	73.9	72.9	22 300*	22 300*	20 400	22 300*	22.0
24.0	72.3	72.2	20 300*	20 300*	17 600	20 300*	24.0
26.0	70.6	71.5	17 900	18 600*	15 300	18 400*	26.0
28.0	69.0	70.8	15 700	17 000*	13 400	16 500*	28.0
30.0	67.3	69.9	13 900	15 700*	11 700	14 800*	30.0
32.0	65.6	69.1	12 300	14 300*	10 200	13 400*	32.0
34.0	63.8	68.1	11 000	12 800*	9 000	12 100*	34.0
36.0	62.1	67.0	9 800	11 500*	7 900	11 000*	36.0
38.0	60.3	65.9	8 700	10 300*	7 000	9 900*	38.0
40.0	58.4	64.7	7 800	9 200*	6 100	9 000*	40.0
42.0	56.6	63.4	6 900	8 200*	5 300	8 100*	42.0
44.0	54.6	62.0	6 100	7 300*	4 700	7 300*	44.0
46.0	52.7	60.5	5 400	6 400*	4 000	6 400*	46.0
48.0	50.7	58.9	4 800	5 600*	3 500	5 600*	48.0
50.0	48.6	57.1	4 200	4 900*	2 900	4 900*	50.0
52.0	46.5	55.3	3 700	4 200*	2 400	4 200*	52.0
54.0	44.2	53.3	3 200	3 500*	2 000	3 500*	54.0
56.0	41.9	51.1	2 700	2 900*	1 600	2 900*	56.0
58.0	39.5	48.7	2 300	2 300*	1 200	2 300*	58.0
60.0	36.9	46.1	1 800*	1 800*		1 800*	60.0
62.0	34.2	43.2	1 300*	1 300*			62.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

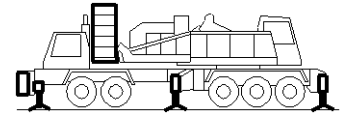
0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



76.2m (250 Ft.)
Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		35 560 kg Crane Cwt. 11 340 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
13.7	81.0	77.9	36 500*	36 500*	36 500*	36 500*	13.7
14.0	80.8	77.9	35 800*	35 800*	35 800*	35 800*	14.0
16.0	79.3	77.5	30 900*	30 900*	30 900*	30 900*	16.0
18.0	77.7	77.1	27 200*	27 200*	27 200*	27 200*	18.0
20.0	76.2	76.6	24 200*	24 200*	23 700	24 200*	20.0
22.0	74.6	76.0	21 800*	21 800*	20 200	21 800*	22.0
24.0	73.0	75.4	19 800*	19 800*	17 400	19 800*	24.0
26.0	71.5	74.8	17 700	18 000*	15 100	18 000*	26.0
28.0	69.9	74.1	15 600	16 500*	13 100	16 200*	28.0
30.0	68.2	73.3	13 700	15 200*	11 500	14 600*	30.0
32.0	66.6	72.4	12 100	14 000*	10 100	13 100*	32.0
34.0	64.9	71.5	10 800	12 800*	8 800	11 900*	34.0
36.0	63.3	70.5	9 600	11 800*	7 700	10 700*	36.0
38.0	61.6	69.4	8 500	10 700*	6 800	9 700*	38.0
40.0	59.8	68.3	7 500	9 700*	5 900	8 800*	40.0
42.0	58.1	67.0	6 700	8 800*	5 100	7 800*	42.0
44.0	56.3	65.7	5 900	8 000*	4 500	7 000*	44.0
46.0	54.4	64.3	5 200	7 100*	3 800	6 200*	46.0
48.0	52.5	62.8	4 600	6 400*	3 200	5 500*	48.0
50.0	50.6	61.2	4 000	5 800*	2 700	4 900*	50.0
52.0	48.6	59.5	3 400	5 200*	2 200	4 300*	52.0
54.0	46.6	57.6	3 000	4 600*	1 800	3 700*	54.0
56.0	44.4	55.6	2 500	4 000*	1 400	3 200*	56.0
58.0	42.2	53.4	2 100	3 500*		2 700*	58.0
60.0	39.9	51.1	1 700	3 000*		2 300*	60.0
62.0	37.5	48.5	1 300	2 600*		1 800*	62.0
64.0	34.9	45.7	900	2 200*		1 400*	64.0
66.0	32.1	42.7		1 800*		1 100*	66.0
68.0	29.1	39.2		1 400*			68.0
70.0	25.8	35.2		1 100*			70.0

Liftcrane Boom Capacities

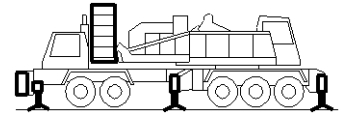
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



79.2m (260 Ft.)

Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.3	81.0	34 200*	34 200*
14.0	81.1	80.9	33 800*	33 800*
16.0	79.7	80.6	30 400*	30 400*
18.0	78.2	80.2	26 500*	26 500*
20.0	76.7	79.7	23 600*	23 600*
22.0	75.2	79.2	21 200*	21 200*
24.0	73.7	78.6	19 200*	19 200*
26.0	72.2	78.0	17 500	17 500*
28.0	70.7	77.3	15 400	16 000*
30.0	69.1	76.5	13 500	14 600*
32.0	67.6	75.7	12 000	13 400*
34.0	66.0	74.8	10 600	12 400*
36.0	64.4	73.9	9 400	11 400*
38.0	62.8	72.9	8 300	10 500*
40.0	61.1	71.8	7 400	9 400*
42.0	59.4	70.6	6 500	8 400*
44.0	57.7	69.4	5 700	7 600*
46.0	56.0	68.1	5 000	6 800*
48.0	54.2	66.6	4 400	6 100*
50.0	52.4	65.1	3 800	5 400*
52.0	50.5	63.5	3 300	4 800*
54.0	48.6	61.7	2 800	4 200*
56.0	46.7	59.9	2 300	3 700*
58.0	44.6	57.9	1 900	3 200*
60.0	42.5	55.7	1 500	2 700*
62.0	40.3	53.4	1 100	2 300*
64.0	38.0	50.9		1 900*
66.0	35.5	48.2		1 400*

82.3m (270 Ft.)

Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.7	84.1	33 500*	33 500*
14.0	81.5	84.0	33 000*	33 000*
16.0	80.1	83.7	29 600*	29 600*
18.0	78.6	83.3	25 800*	25 800*
20.0	77.2	82.9	22 900*	22 900*
22.0	75.8	82.4	20 500*	20 500*
24.0	74.3	81.8	18 500*	18 500*
26.0	72.9	81.2	16 800*	16 800*
28.0	71.4	80.5	15 300	15 400*
30.0	69.9	79.8	13 400	14 100*
32.0	68.4	79.0	11 800	12 900*
34.0	66.9	78.2	10 400	11 900*
36.0	65.4	77.3	9 200	10 900*
38.0	63.8	76.3	8 100	10 100*
40.0	62.3	75.3	7 200	9 200*
42.0	60.7	74.2	6 300	8 200*
44.0	59.1	73.0	5 600	7 400*
46.0	57.4	71.7	4 800	6 600*
48.0	55.7	70.4	4 200	5 800*
50.0	54.0	68.9	3 700	5 200*
52.0	52.3	67.4	3 100	4 600*
54.0	50.5	65.8	2 600	4 000*
56.0	48.6	64.1	2 200	3 500*
58.0	46.7	62.2	1 700	3 000*
60.0	44.8	60.2	1 300	2 500*
62.0	42.7	58.1	1 000	1 900*
64.0	40.6	55.8		1 400*