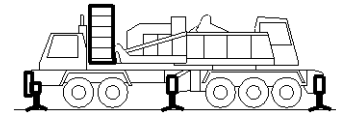


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With 3 630 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 3 360 kg front bumper counterweight adapter.

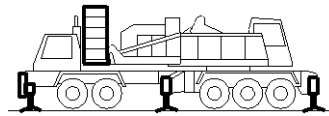
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 770 kg
12.2m	2 130 kg
15.2m	2 540 kg
18.3m	2 990 kg
21.3m	3 450 kg
24.4m	3 950 kg

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 3 630 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

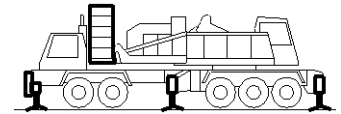
 Meets
ANSI B30.5
Requirements


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 + 3 630 kg Front Bumper Cwt.			
73.2m	—	67.1m	—
70.1m	—	64.0m	—
67.1m	15.2m	61.0m	9.1m
64.0m	21.3m	57.9m	18.3m
61.0m	24.4m	54.9m	24.4m
35 560 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
70.1m	—	61.0m	—
67.1m	—	57.9m	9.1m
64.0m	9.1m	54.9m	15.2m
61.0m	18.3m	51.8m	24.4m
57.9m	24.4m		
27 850 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
64.0m	—	54.9m	—
61.0m	—	51.8m	12.2m
57.9m	12.2m	48.8m	18.3m
54.9m	21.3m	45.7m	24.4m
51.8m	24.4m		
20 140 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
57.9m	—	51.8m	—
54.9m	9.1m	48.8m	—
51.8m	15.2m	45.7m	12.2m
48.8m	21.3m	42.7m	18.3m
45.7m	24.4m	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
43 270 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
Not Allowed		
35 560 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
42.7m	—	Not Allowed
39.6m	9.1m	
36.6m	18.3m	
33.5m	24.4m	
27 850 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
39.6m	—	Not Allowed
36.6m	—	
33.5m	12.2m	
30.5m	21.3m	
20 140 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
33.5m	—	Not Allowed
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 3 630 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 + 3 630 kg Front Bumper Cwt.			
51.8m	—	42.7m	—
48.8m	9.1m	39.6m	12.2m
45.7m	15.2m	36.6m	21.3m
42.7m	24.4m	33.5m	24.4m
4 720 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
45.7m	—	36.6m	—
42.7m	9.1m	33.5m	9.1m
39.6m	18.3m	30.5m	18.3m
36.6m	24.4m		
0 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
42.7m	—	33.5m	—
39.6m	9.1m		
36.6m	15.2m		
33.5m	21.3m		
30.5m	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 + 3 630 kg Front Bumper Cwt.		
27.4m	—	Not Allowed
4 720 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
21.3m	—	13m
0 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
18.3m	—	Not Allowed
Load block, hook and weight ball on ground at start.		

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

Refer to chart **No. 8063-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.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

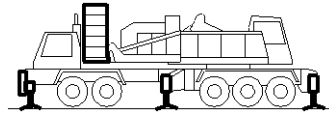
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	72 500	72 600*	8.0
9.0	55.1	12.8	76 300*	76 300*	72 000*	72 000*	67 700*	67 700*	59 900	63 500*	9.0
10.0	49.1	12.0	67 700*	67 700*	63 900*	63 900*	58 800	60 000*	49 500	56 200*	10.0
11.0	42.5	10.9	60 700*	60 700*	57 200	57 200*	49 900	53 700*	42 000	50 200*	11.0
12.0	34.8	9.5	54 800*	54 800*	50 100	51 600*	43 100	48 500*	36 100	45 300*	12.0

Liftcrane Boom Capacities

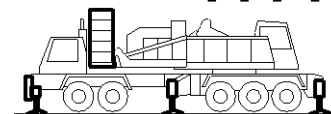
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	92 100	92 200*	5.5
6.0	70.7	14.6	94 000*	94 000*	87 500*	87 500*	77 300	83 500*	6.0
7.0	65.7	14.1	78 200	78 900*	63 600	73 300*	53 200	69 900*	7.0
8.0	60.6	13.6	61 200	67 700*	48 100	62 900*	40 200	59 700	8.0
9.0	55.1	12.8	48 900	59 100*	38 200	54 000	31 700	47 500	9.0
10.0	49.1	12.0	40 400	52 300*	31 300	44 700	25 800	39 100	10.0
11.0	42.5	10.9	34 100	45 800	26 200	37 800	21 400	32 900	11.0
12.0	34.8	9.5	29 200	39 500	22 300	32 400	18 000	28 100	12.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

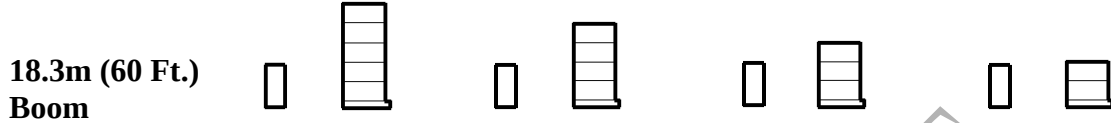
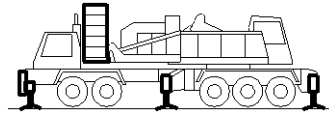
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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	
4.3	82.2	20.8	160 400*	160 400*	153 700*	153 700*	146 900*	146 900*	140 200*	140 200*	4.3
4.5	81.5	20.7	152 700*	152 700*	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*	72 400	72 500*	8.0
9.0	66.6	19.3	76 300*	76 300*	71 900*	71 900*	67 700*	67 700*	60 800	63 400*	9.0
10.0	63.1	18.7	67 700*	67 700*	63 800*	63 800*	59 500	60 000*	50 300	56 100*	10.0
11.0	59.4	18.1	60 700*	60 700*	57 200	57 200*	50 600	53 700*	42 700	50 200*	11.0
12.0	55.6	17.4	54 900*	54 900*	51 000	51 700*	43 900	48 600*	36 900	45 400*	12.0
14.0	47.3	15.7	45 700	45 900*	39 900	43 100*	34 200	40 400*	28 600	37 000	14.0
16.0	37.6	13.4	37 000	39 100*	32 300	36 700*	27 600	34 300	22 800	29 800	16.0
18.0	24.6	9.7	30 900	33 800*	26 800	31 700*	22 700	28 800	18 600	24 600	18.0

Liftcrane Boom Capacities

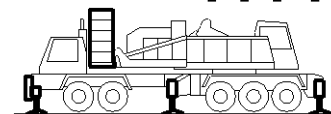
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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	
4.3	82.2	20.8	133 400*	133 400*	126 600*	126 600*	122 500*	122 500*	4.3
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*	79 300	83 300*	6.0
7.0	73.4	20.1	78 600	78 800*	65 100	73 200*	54 500	69 700*	7.0
8.0	70.0	19.7	62 200	67 600*	49 100	62 800*	41 100	59 700	8.0
9.0	66.6	19.3	49 800	59 100*	39 000	54 500	32 500	48 400	9.0
10.0	63.1	18.7	41 200	52 300*	32 100	45 500	26 600	39 900	10.0
11.0	59.4	18.1	34 900	46 500	27 000	38 500	22 200	33 700	11.0
12.0	55.6	17.4	30 000	40 200	23 000	33 200	18 800	28 900	12.0
14.0	47.3	15.7	23 000	31 200	17 300	25 500	13 900	22 100	14.0
16.0	37.6	13.4	18 100	25 000	13 400	20 300	10 500	17 300	16.0
18.0	24.6	9.7	14 500	20 500	10 400	16 400	7 900	13 900	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

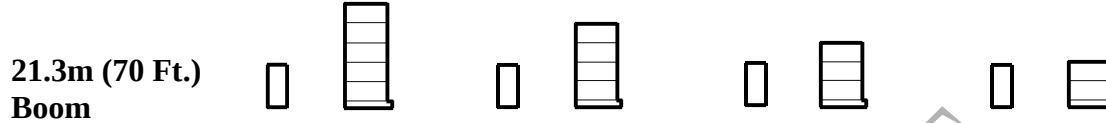
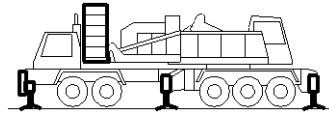
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	61 700	63 800*	9.0
10.0	67.2	22.1	68 100*	68 100*	64 300*	64 300*	60 100	60 400*	51 100	56 600*	10.0
11.0	64.2	21.7	61 200*	61 200*	57 700*	57 700*	51 400	54 200*	43 500	50 700*	11.0
12.0	61.2	21.1	55 400*	55 400*	51 700	52 200*	44 600	49 000*	37 700	45 900*	12.0
14.0	54.7	19.7	46 300	46 400*	40 600	43 700*	35 000	41 000*	29 300	37 800	14.0
16.0	47.6	18.0	37 900	39 700*	33 100	37 300*	28 400	34 900	23 600	30 600	16.0
18.0	39.5	15.8	31 700	34 400*	27 600	32 400*	23 600	29 700	19 500	25 500	18.0
20.0	29.5	12.6	27 000	30 300*	23 500	28 400	19 900	25 200	16 300	21 500	20.0

Liftcrane Boom Capacities

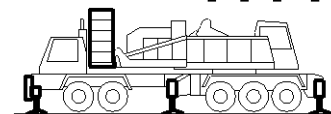
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	80 500	83 700*	6.0
7.0	75.8	23.3	79 200*	79 200*	66 200	73 600*	55 500	70 200*	7.0
8.0	73.0	23.0	63 100	68 100*	50 100	63 200*	42 100	60 100	8.0
9.0	70.2	22.6	50 700	59 500*	39 900	55 200*	33 400	49 400	9.0
10.0	67.2	22.1	42 000	52 700*	32 900	46 300	27 400	40 700	10.0
11.0	64.2	21.7	35 600	47 200	27 800	39 300	22 900	34 500	11.0
12.0	61.2	21.1	30 700	41 000	23 800	34 000	19 600	29 700	12.0
14.0	54.7	19.7	23 700	32 000	18 100	26 300	14 600	22 800	14.0
16.0	47.6	18.0	18 900	25 800	14 200	21 000	11 300	18 100	16.0
18.0	39.5	15.8	15 400	21 400	11 300	17 200	8 800	14 700	18.0
20.0	29.5	12.6	12 700	17 900	9 100	14 300	6 900	12 100	20.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

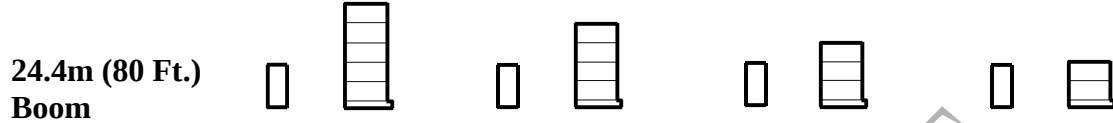
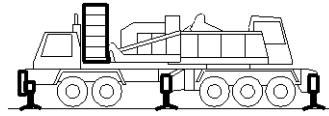
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 000	63 800*	9.0
10.0	70.2	25.5	68 100*	68 100*	64 300*	64 300*	60 100	60 400*	51 300	56 600*	10.0
11.0	67.7	25.0	61 200*	61 200*	57 700*	57 700*	51 600	54 200*	43 800	50 700*	11.0
12.0	65.1	24.6	55 400*	55 400*	51 800	52 200*	44 900	49 000*	37 900	45 900*	12.0
14.0	59.7	23.5	46 300	46 400*	40 800	43 700*	35 200	41 000*	29 500	38 000	14.0
16.0	54.0	22.0	38 100	39 700*	33 300	37 300*	28 600	34 900*	23 800	30 800	16.0
18.0	47.8	20.3	31 900	34 500*	27 800	32 400*	23 800	29 800	19 600	25 600	18.0
20.0	40.8	18.1	27 300	30 300*	23 700	28 500*	20 100	25 400	16 500	21 800	20.0
22.0	32.6	15.3	23 600	27 000*	20 400	25 100	17 100	21 900	14 000	18 600	22.0
24.0	21.7	11.1	20 600	24 100*	17 600	21 900	14 800	19 000	11 900	16 100	24.0

Liftcrane Boom Capacities

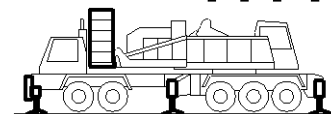
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	80 900	83 700*	6.0
7.0	77.7	26.4	79 200*	79 200*	66 800	73 600*	56 000	70 200*	7.0
8.0	75.2	26.1	63 600	68 100*	50 400	63 200*	42 500	60 200	8.0
9.0	72.8	25.8	51 000	59 500*	40 200	55 200*	33 700	49 700	9.0
10.0	70.2	25.5	42 300	52 700*	33 200	46 600	27 700	41 000	10.0
11.0	67.7	25.0	35 900	47 200	28 000	39 600	23 200	34 700	11.0
12.0	65.1	24.6	31 000	41 300	24 000	34 200	19 700	29 900	12.0
14.0	59.7	23.5	23 900	32 200	18 300	26 500	14 800	23 000	14.0
16.0	54.0	22.0	19 100	26 000	14 300	21 200	11 400	18 300	16.0
18.0	47.8	20.3	15 600	21 500	11 500	17 400	9 000	14 900	18.0
20.0	40.8	18.1	12 900	18 100	9 300	14 500	7 100	12 300	20.0
22.0	32.6	15.3	10 800	15 400	7 500	12 200	5 600	10 200	22.0
24.0	21.7	11.1	9 000	13 200	6 100	10 300	4 300	8 500	24.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

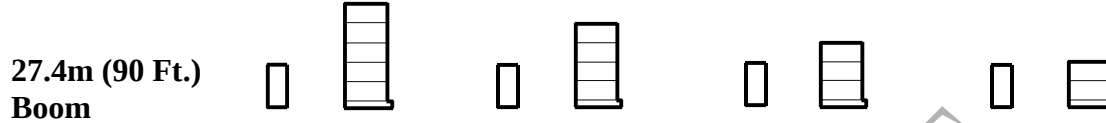
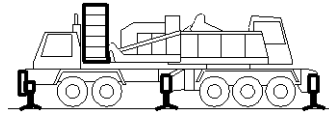
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 200	63 800*	9.0
10.0	72.5	28.7	68 100*	68 100*	64 300*	64 300*	60 200	60 400*	51 600	56 600*	10.0
11.0	70.3	28.3	61 100*	61 100*	57 700*	57 700*	51 800	54 200*	43 900	50 700*	11.0
12.0	68.1	27.9	55 400*	55 400*	51 900	52 200*	45 000	49 000*	38 100	45 800*	12.0
14.0	63.4	27.0	46 300	46 400*	40 900	43 700*	35 300	41 000*	29 600	38 100	14.0
16.0	58.6	25.8	38 200	39 700*	33 400	37 300*	28 600	34 900*	23 900	30 900	16.0
18.0	53.4	24.4	32 000	34 500*	28 000	32 400*	23 800	29 900	19 800	25 800	18.0
20.0	47.9	22.6	27 400	30 400*	23 800	28 500*	20 200	25 500	16 600	21 900	20.0
22.0	41.8	20.5	23 700	27 000*	20 500	25 200	17 300	22 000	14 100	18 800	22.0
24.0	34.8	17.8	20 700	24 200*	17 900	22 100	15 000	19 200	12 100	16 300	24.0
26.0	26.2	14.2	18 300	21 800*	15 600	19 500	13 000	16 900	10 400	14 200	26.0

Liftcrane Boom Capacities

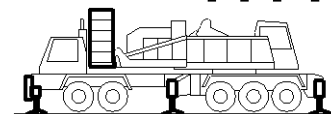
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	81 200	83 700*	6.0
7.0	79.1	29.6	79 200*	79 200*	67 300	73 600*	56 400	70 200*	7.0
8.0	76.9	29.3	63 800	68 100*	50 700	63 200*	42 800	60 200	8.0
9.0	74.7	29.0	51 200	59 500*	40 500	55 200*	34 000	50 000	9.0
10.0	72.5	28.7	42 500	52 800*	33 400	46 900	27 900	41 200	10.0
11.0	70.3	28.3	36 000	47 200	28 200	39 700	23 400	34 900	11.0
12.0	68.1	27.9	31 100	41 500	24 200	34 400	19 900	30 000	12.0
14.0	63.4	27.0	24 000	32 300	18 400	26 600	15 000	23 200	14.0
16.0	58.6	25.8	19 200	26 100	14 500	21 400	11 600	18 400	16.0
18.0	53.4	24.4	15 700	21 700	11 600	17 500	9 100	15 000	18.0
20.0	47.9	22.6	13 000	18 300	9 400	14 600	7 200	12 400	20.0
22.0	41.8	20.5	10 900	15 600	7 700	12 300	5 700	10 400	22.0
24.0	34.8	17.8	9 200	13 400	6 300	10 500	4 500	8 700	24.0
26.0	26.2	14.2	7 700	11 600	5 100	8 900	3 500	7 300	26.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

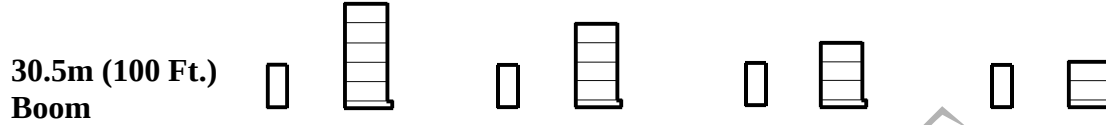
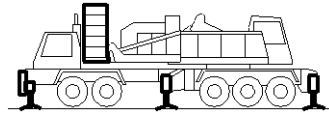
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 200	63 700*	9.0
10.0	74.3	31.9	68 000*	68 000*	64 200*	64 200*	60 100	60 300*	51 700	56 500*	10.0
11.0	72.4	31.6	61 100*	61 100*	57 600*	57 600*	51 900	54 100*	44 000	50 600*	11.0
12.0	70.4	31.2	55 300*	55 300*	51 900	52 100*	45 100	48 900*	38 100	45 700*	12.0
14.0	66.3	30.4	46 200	46 300*	41 000	43 600*	35 300	40 900*	29 700	38 000	14.0
16.0	62.1	29.4	38 200	39 600*	33 400	37 200*	28 700	34 900*	24 000	31 000	16.0
18.0	57.6	28.1	32 000	34 400*	28 000	32 300*	23 900	29 900	19 800	25 800	18.0
20.0	53.0	26.7	27 400	30 300*	23 800	28 400*	20 200	25 500	16 600	21 900	20.0
22.0	48.0	24.9	23 700	26 900*	20 500	25 200	17 300	22 100	14 100	18 800	22.0
24.0	42.6	22.9	20 800	24 100*	17 900	22 200	15 000	19 200	12 100	16 300	24.0
26.0	36.5	20.3	18 300	21 700*	15 700	19 600	13 000	16 900	10 400	14 200	26.0
28.0	29.3	17.0	16 200	19 700*	13 800	17 400	11 400	14 900	9 000	12 500	28.0
30.0	19.8	12.4	14 500	17 800	12 200	15 500	10 000	13 200	7 700	11 000	30.0

Liftcrane Boom Capacities

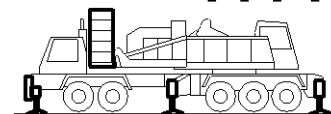
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	81 500	83 600*	6.0
7.0	80.2	32.7	79 100*	79 100*	67 600	73 500*	56 700	70 100*	7.0
8.0	78.2	32.5	64 100	68 000*	51 000	63 100*	43 000	60 100	8.0
9.0	76.3	32.2	51 400	59 400*	40 700	55 100*	34 100	50 200	9.0
10.0	74.3	31.9	42 600	52 600*	33 500	47 000	28 000	41 300	10.0
11.0	72.4	31.6	36 100	47 100	28 300	39 800	23 500	35 000	11.0
12.0	70.4	31.2	31 200	41 500	24 200	34 400	20 000	30 100	12.0
14.0	66.3	30.4	24 000	32 300	18 400	26 600	15 000	23 200	14.0
16.0	62.1	29.4	19 200	26 200	14 500	21 400	11 600	18 500	16.0
18.0	57.6	28.1	15 700	21 700	11 600	17 500	9 100	15 000	18.0
20.0	53.0	26.7	13 000	18 300	9 400	14 600	7 200	12 400	20.0
22.0	48.0	24.9	10 900	15 600	7 700	12 400	5 800	10 400	22.0
24.0	42.6	22.9	9 200	13 400	6 300	10 500	4 500	8 700	24.0
26.0	36.5	20.3	7 800	11 600	5 100	9 000	3 500	7 300	26.0
28.0	29.3	17.0	6 600	10 100	4 100	7 600	2 700	6 200	28.0
30.0	19.8	12.4	5 500	8 700	3 200	6 500	1 900	5 100	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

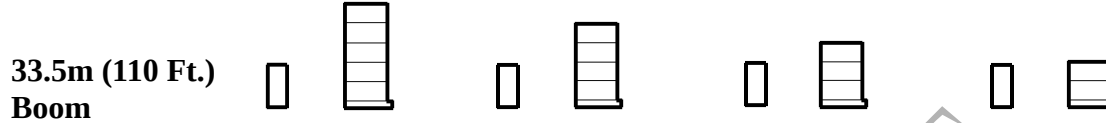
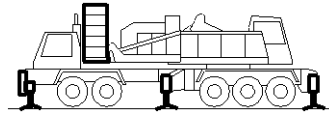
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 300	63 600*	9.0
10.0	75.8	35.1	67 200*	67 200*	64 100*	64 100*	60 100	60 300*	51 800	56 400*	10.0
11.0	74.0	34.8	61 000*	61 000*	57 500*	57 500*	52 000	54 000*	44 100	50 600*	11.0
12.0	72.2	34.5	55 200*	55 200*	51 900	52 000*	45 200	48 900*	38 200	45 700*	12.0
14.0	68.6	33.7	46 100	46 200*	41 000	43 500*	35 400	40 800*	29 700	38 000	14.0
16.0	64.8	32.8	38 300	39 500*	33 500	37 200*	28 700	34 800*	24 000	31 000	16.0
18.0	60.9	31.7	32 100	34 400*	28 000	32 300*	23 900	29 900	19 800	25 800	18.0
20.0	56.9	30.4	27 400	30 300*	23 800	28 400*	20 200	25 500	16 600	21 900	20.0
22.0	52.6	29.0	23 700	26 900*	20 500	25 100	17 300	22 100	14 100	18 800	22.0
24.0	48.1	27.2	20 800	24 100*	17 900	22 200	15 000	19 200	12 100	16 300	24.0
26.0	43.2	25.2	18 400	21 700*	15 700	19 600	13 100	17 000	10 400	14 300	26.0
28.0	37.8	22.7	16 300	19 700*	13 900	17 400	11 400	15 000	9 000	12 600	28.0
30.0	31.6	19.7	14 500	17 800	12 300	15 600	10 000	13 300	7 800	11 100	30.0
32.0	24.0	15.7	13 000	16 100	10 900	14 000	8 800	11 900	6 800	9 800	32.0

Liftcrane Boom Capacities

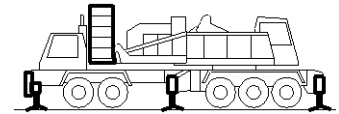
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	78 800	82 100*	6.1
7.0	81.1	35.8	79 000*	79 000*	68 000	73 400*	57 000	70 100*	7.0
8.0	79.3	35.6	64 300	67 900*	51 200	63 000*	43 200	60 100	8.0
9.0	77.6	35.3	51 500	59 400*	40 800	55 100*	34 300	50 400	9.0
10.0	75.8	35.1	42 700	52 600*	33 600	47 200	28 100	41 400	10.0
11.0	74.0	34.8	36 200	47 100	28 400	39 900	23 500	35 100	11.0
12.0	72.2	34.5	31 200	41 600	24 300	34 500	20 000	30 200	12.0
14.0	68.6	33.7	24 100	32 400	18 500	26 700	15 000	23 200	14.0
16.0	64.8	32.8	19 200	26 200	14 500	21 400	11 600	18 500	16.0
18.0	60.9	31.7	15 700	21 700	11 600	17 600	9 100	15 000	18.0
20.0	56.9	30.4	13 000	18 300	9 400	14 700	7 300	12 400	20.0
22.0	52.6	29.0	10 900	15 600	7 700	12 300	5 700	10 400	22.0
24.0	48.1	27.2	9 200	13 400	6 300	10 500	4 600	8 700	24.0
26.0	43.2	25.2	7 800	11 600	5 200	9 000	3 500	7 300	26.0
28.0	37.8	22.7	6 600	10 100	4 200	7 700	2 700	6 200	28.0
30.0	31.6	19.7	5 600	8 800	3 300	6 500	2 000	5 200	30.0
32.0	24.0	15.7	4 700	7 700	2 600	5 600	1 300	4 300	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

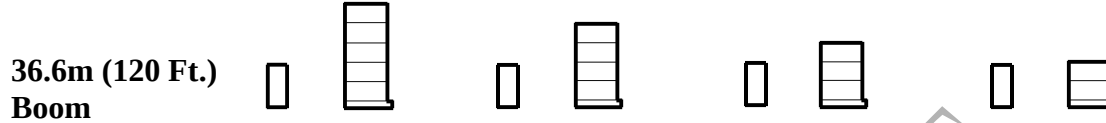
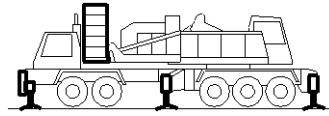
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 500	63 700*	9.0
10.0	77.0	38.2	64 200*	64 200*	64 000*	64 000*	60 200	60 300*	52 000	56 500*	10.0
11.0	75.4	38.0	59 400*	59 400*	57 600*	57 600*	52 200	54 100*	44 300	50 600*	11.0
12.0	73.8	37.7	55 100*	55 100*	52 000	52 100*	45 300	48 900*	38 400	45 700*	12.0
14.0	70.5	37.0	46 200	46 300*	41 200	43 600*	35 500	40 900*	29 900	38 000	14.0
16.0	67.1	36.2	38 400	39 600*	33 600	37 200*	28 900	34 900*	24 100	31 200	16.0
18.0	63.6	35.2	32 200	34 400*	28 100	32 400*	24 000	30 000	20 000	26 000	18.0
20.0	60.0	34.1	27 500	30 400*	24 000	28 500*	20 400	25 700	16 800	22 000	20.0
22.0	56.2	32.8	23 900	27 000*	20 700	25 300	17 500	22 200	14 300	19 000	22.0
24.0	52.3	31.3	20 900	24 200*	18 000	22 300	15 100	19 400	12 200	16 500	24.0
26.0	48.2	29.5	18 500	21 800*	15 900	19 800	13 200	17 100	10 600	14 400	26.0
28.0	43.7	27.5	16 400	19 800*	14 000	17 600	11 600	15 200	9 200	12 700	28.0
30.0	38.9	25.1	14 700	18 000	12 400	15 800	10 200	13 500	8 000	11 200	30.0
32.0	33.4	22.3	13 200	16 300	11 100	14 200	9 000	12 100	6 900	10 000	32.0
34.0	27.0	18.7	11 800	14 700	9 900	12 800	8 000	10 800	6 000	8 900	34.0
36.0	18.4	13.6	10 700	13 400	8 800	11 500	7 000	9 700	5 200	7 800	36.0

Liftcrane Boom Capacities

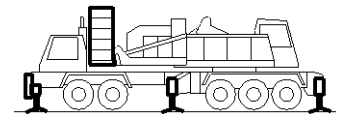
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	74 300	77 200*	63 200	73 700*	6.7
7.0	81.8	38.9	79 300*	79 300*	68 200	73 700*	57 900	70 300*	7.0
8.0	80.2	38.7	64 600	68 000*	51 400	63 100*	43 400	60 100	8.0
9.0	78.6	38.5	51 700	59 400*	41 000	55 100*	34 500	50 600	9.0
10.0	77.0	38.2	42 900	52 600*	33 800	47 400	28 300	41 600	10.0
11.0	75.4	38.0	36 400	47 100	28 500	40 100	23 700	35 300	11.0
12.0	73.8	37.7	31 400	41 800	24 400	34 700	20 200	30 400	12.0
14.0	70.5	37.0	24 300	32 600	18 600	26 900	15 200	23 400	14.0
16.0	67.1	36.2	19 400	26 300	14 600	21 500	11 800	18 600	16.0
18.0	63.6	35.2	15 800	21 900	11 800	17 700	9 300	15 200	18.0
20.0	60.0	34.1	13 200	18 400	9 600	14 800	7 400	12 600	20.0
22.0	56.2	32.8	11 000	15 700	7 900	12 500	5 900	10 500	22.0
24.0	52.3	31.3	9 400	13 600	6 400	10 600	4 700	8 900	24.0
26.0	48.2	29.5	7 900	11 800	5 300	9 100	3 700	7 500	26.0
28.0	43.7	27.5	6 800	10 300	4 300	7 800	2 800	6 300	28.0
30.0	38.9	25.1	5 700	9 000	3 500	6 700	2 100	5 300	30.0
32.0	33.4	22.3	4 900	7 900	2 800	5 800	1 500	4 500	32.0
34.0	27.0	18.7	4 100	6 900	2 100	4 900		3 700	34.0
36.0	18.4	13.6	3 300	6 000	1 500	4 200		3 000	36.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

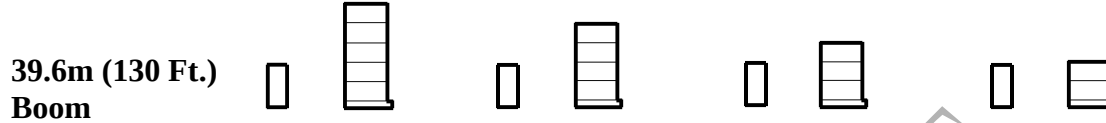
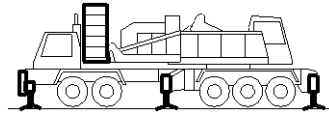
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 500	63 600*	9.0
10.0	78.0	41.4	61 900*	61 900*	61 900*	61 900*	60 200	60 200*	52 000	56 300*	10.0
11.0	76.5	41.1	57 300*	57 300*	57 300*	57 300*	52 200	54 000*	44 300	50 500*	11.0
12.0	75.1	40.9	53 100*	53 100*	51 900	52 000*	45 300	48 800*	38 300	45 600*	12.0
14.0	72.0	40.2	45 900	46 000*	41 100	43 400*	35 500	40 700*	29 900	37 900	14.0
16.0	68.9	39.5	38 400	39 500*	33 500	37 100*	28 800	34 700*	24 000	31 100	16.0
18.0	65.8	38.6	32 100	34 300*	28 000	32 200*	23 900	29 900	19 900	25 900	18.0
20.0	62.5	37.6	27 500	30 200*	23 900	28 300*	20 300	25 600	16 700	21 900	20.0
22.0	59.2	36.4	23 800	26 800*	20 600	25 100*	17 400	22 100	14 200	18 900	22.0
24.0	55.7	35.1	20 800	24 000*	17 900	22 200	15 000	19 300	12 100	16 400	24.0
26.0	52.1	33.6	18 400	21 700*	15 700	19 700	13 100	17 000	10 500	14 300	26.0
28.0	48.3	31.8	16 300	19 600*	13 900	17 500	11 500	15 000	9 100	12 600	28.0
30.0	44.2	29.9	14 600	17 800*	12 400	15 700	10 100	13 400	7 900	11 200	30.0
32.0	39.8	27.5	13 100	16 200	11 000	14 100	8 900	12 000	6 800	9 900	32.0
34.0	34.9	24.8	11 800	14 700	9 800	12 700	7 900	10 700	5 900	8 800	34.0
36.0	29.2	21.5	10 600	13 300	8 800	11 500	7 000	9 600	5 100	7 800	36.0
38.0	22.3	17.1	9 600	12 100	7 800	10 400	6 100	8 600	4 400	6 900	38.0

Liftcrane Boom Capacities

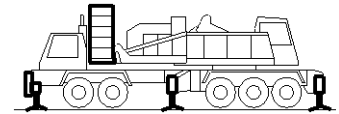
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	74 600	77 100*	63 500	73 500*	6.7
7.0	82.5	42.0	78 000*	78 000*	68 400	73 600*	58 100	70 100*	7.0
8.0	81.0	41.8	64 700	67 800*	51 500	63 000*	43 600	60 000	8.0
9.0	79.5	41.6	51 800	59 300*	41 100	55 000*	34 600	50 700	9.0
10.0	78.0	41.4	42 900	52 500*	33 800	47 500	28 300	41 700	10.0
11.0	76.5	41.1	36 400	47 000	28 500	40 100	23 700	35 300	11.0
12.0	75.1	40.9	31 400	41 800	24 400	34 600	20 200	30 400	12.0
14.0	72.0	40.2	24 200	32 500	18 600	26 800	15 100	23 300	14.0
16.0	68.9	39.5	19 300	26 200	14 600	21 500	11 700	18 600	16.0
18.0	65.8	38.6	15 800	21 800	11 700	17 600	9 200	15 100	18.0
20.0	62.5	37.6	13 100	18 300	9 500	14 700	7 300	12 500	20.0
22.0	59.2	36.4	11 000	15 600	7 800	12 400	5 800	10 400	22.0
24.0	55.7	35.1	9 300	13 500	6 400	10 600	4 600	8 800	24.0
26.0	52.1	33.6	7 800	11 700	5 200	9 000	3 600	7 400	26.0
28.0	48.3	31.8	6 700	10 200	4 200	7 700	2 800	6 300	28.0
30.0	44.2	29.9	5 700	8 900	3 400	6 600	2 000	5 200	30.0
32.0	39.8	27.5	4 800	7 800	2 700	5 700	1 400	4 400	32.0
34.0	34.9	24.8	4 000	6 800	2 000	4 800		3 600	34.0
36.0	29.2	21.5	3 300	5 900	1 500	4 100		3 000	36.0
38.0	22.3	17.1	2 700	5 200	1 000	3 400		2 400	38.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

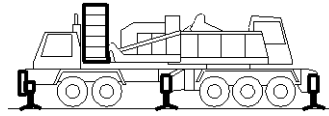
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 200	63 200*	9.0
10.0	78.9	44.5	58 800*	58 800*	58 800*	58 800*	58 800*	58 800*	52 000	56 200*	10.0
11.0	77.5	44.3	54 500*	54 500*	54 500*	54 500*	52 200	53 800*	44 300	50 300*	11.0
12.0	76.1	44.0	50 500*	50 500*	50 500*	50 500*	45 300	48 700*	38 300	45 500*	12.0
14.0	73.3	43.4	43 700*	43 700*	41 100	43 400*	35 400	40 600*	29 800	37 800	14.0
16.0	70.5	42.7	37 900	38 200*	33 400	37 000*	28 700	34 600*	24 000	31 000	16.0
18.0	67.6	41.9	32 100	33 700*	28 000	32 000*	23 900	29 800	19 800	25 800	18.0
20.0	64.7	41.0	27 400	30 000*	23 800	28 100*	20 200	25 500	16 600	21 900	20.0
22.0	61.6	40.0	23 700	26 700*	20 500	24 900*	17 300	22 000	14 100	18 800	22.0
24.0	58.5	38.8	20 700	23 900*	17 800	22 100	15 000	19 200	12 000	16 300	24.0
26.0	55.2	37.4	18 300	21 500*	15 600	19 600	13 000	16 900	10 400	14 200	26.0
28.0	51.9	35.9	16 200	19 500*	13 800	17 400	11 400	14 900	9 000	12 500	28.0
30.0	48.3	34.1	14 500	17 800*	12 300	15 600	10 000	13 300	7 800	11 100	30.0
32.0	44.5	32.2	13 000	16 100	10 900	14 000	8 800	11 900	6 800	9 800	32.0
34.0	40.5	29.9	11 700	14 600	9 800	12 600	7 800	10 700	5 900	8 700	34.0
36.0	36.1	27.3	10 500	13 200	8 700	11 400	6 900	9 600	5 100	7 700	36.0
38.0	31.1	24.1	9 500	12 000	7 800	10 300	6 100	8 600	4 300	6 800	38.0
40.0	25.2	20.2	8 600	11 000	7 000	9 300	5 300	7 700	3 700	6 100	40.0
42.0	17.4	14.8	7 700	10 000	6 200	8 400	4 600	6 900	3 100	5 300	42.0

Liftcrane Boom Capacities

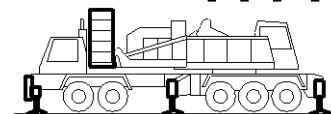
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		0 kg Crane Cwt. 3 630 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*	62 000	69 700*	52 600	66 400*	7.3
8.0	81.6	44.9	65 000	67 800*	51 600	62 900*	43 700	59 900*	8.0
9.0	80.3	44.7	51 800	59 100*	41 100	54 800*	34 600	50 700	9.0
10.0	78.9	44.5	43 000	52 300*	33 900	47 500	28 300	41 700	10.0
11.0	77.5	44.3	36 400	46 900*	28 500	40 100	23 700	35 300	11.0
12.0	76.1	44.0	31 400	41 800	24 400	34 600	20 200	30 300	12.0
14.0	73.3	43.4	24 200	32 500	18 500	26 800	15 100	23 300	14.0
16.0	70.5	42.7	19 300	26 200	14 500	21 400	11 600	18 500	16.0
18.0	67.6	41.9	15 700	21 700	11 600	17 600	9 100	15 000	18.0
20.0	64.7	41.0	13 000	18 300	9 400	14 600	7 200	12 400	20.0
22.0	61.6	40.0	10 900	15 500	7 700	12 300	5 700	10 300	22.0
24.0	58.5	38.8	9 200	13 400	6 300	10 500	4 500	8 700	24.0
26.0	55.2	37.4	7 700	11 600	5 100	8 900	3 500	7 300	26.0
28.0	51.9	35.9	6 600	10 100	4 100	7 600	2 700	6 200	28.0
30.0	48.3	34.1	5 500	8 800	3 300	6 500	1 900	5 200	30.0
32.0	44.5	32.2	4 700	7 700	2 600	5 600	1 300	4 300	32.0
34.0	40.5	29.9	3 900	6 700	1 900	4 800		3 600	34.0
36.0	36.1	27.3	3 200	5 900	1 400	4 000		2 900	36.0
38.0	31.1	24.1	2 600	5 100	900	3 400		2 300	38.0
40.0	25.2	20.2	2 100	4 400		2 800		1 800	40.0
42.0	17.4	14.8	1 500	3 800		2 200		1 300	42.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

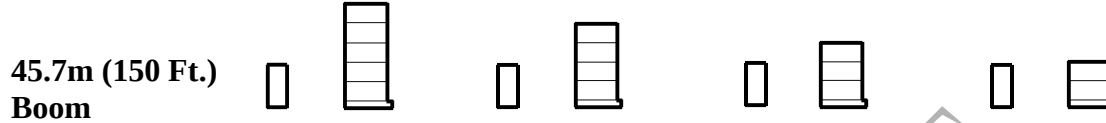
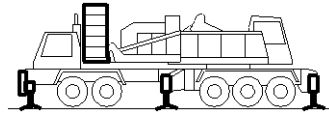
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 400	63 200*	9.0
10.0	79.7	47.6	61 400*	61 400*	61 400*	61 400*	59 800*	59 800*	52 000	55 900*	10.0
11.0	78.4	47.4	56 000*	56 000*	56 000*	56 000*	52 100	53 500*	44 200	50 100*	11.0
12.0	77.1	47.2	51 500*	51 500*	51 400*	51 400*	45 200	48 400*	38 200	45 200*	12.0
14.0	74.5	46.6	44 500	44 500*	40 900	43 000*	35 300	40 300*	29 700	37 500	14.0
16.0	71.9	46.0	38 300	39 000*	33 300	36 600*	28 600	34 300*	23 800	30 900	16.0
18.0	69.2	45.2	31 800	33 900*	27 800	31 800*	23 700	29 600	19 600	25 600	18.0
20.0	66.5	44.4	27 200	29 800*	23 500	27 900*	20 000	25 300	16 400	21 700	20.0
22.0	63.7	43.4	23 500	26 400*	20 300	24 700*	17 100	21 800	13 900	18 500	22.0
24.0	60.8	42.3	20 500	23 600*	17 600	21 900	14 700	19 000	11 800	16 100	24.0
26.0	57.9	41.1	18 000	21 200*	15 400	19 300	12 800	16 600	10 100	14 000	26.0
28.0	54.8	39.7	16 000	19 200*	13 600	17 200	11 100	14 700	8 700	12 300	28.0
30.0	51.7	38.2	14 300	17 400*	12 000	15 300	9 800	13 000	7 500	10 800	30.0
32.0	48.4	36.4	12 700	15 800	10 700	13 700	8 600	11 600	6 500	9 500	32.0
34.0	44.8	34.5	11 400	14 300	9 500	12 300	7 500	10 400	5 600	8 400	34.0
36.0	41.1	32.3	10 300	13 000	8 400	11 100	6 600	9 300	4 800	7 500	36.0
38.0	37.1	29.7	9 300	11 800	7 500	10 100	5 800	8 300	4 100	6 600	38.0
40.0	32.6	26.7	8 300	10 700	6 700	9 100	5 100	7 500	3 500	5 800	40.0
42.0	27.4	23.1	7 500	9 800	5 900	8 200	4 400	6 600	2 800	5 100	42.0
44.0	21.1	18.5	6 700	8 900	5 300	7 400	3 800	5 900	2 300	4 500	44.0

Liftcrane Boom Capacities

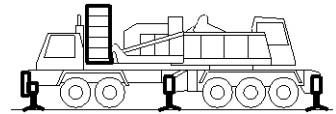
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		4 720 kg Crane Cwt. 3 630 kg Bumper Cwt.		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.3	48.0	66 100	68 200*	52 800	63 300*	7.9
8.0	82.2	48.0	65 000	67 500*	51 900	62 600*	8.0
9.0	80.9	47.8	51 900	58 900*	41 200	54 600*	9.0
10.0	79.7	47.6	42 900	52 100*	33 900	47 600	10.0
11.0	78.4	47.4	36 400	46 600*	28 500	40 100	11.0
12.0	77.1	47.2	31 300	41 600	24 300	34 600	12.0
14.0	74.5	46.6	24 000	32 300	18 400	26 600	14.0
16.0	71.9	46.0	19 100	26 000	14 300	21 200	16.0
18.0	69.2	45.2	15 500	21 500	11 400	17 400	18.0
20.0	66.5	44.4	12 800	18 000	9 200	14 400	20.0
22.0	63.7	43.4	10 600	15 300	7 400	12 100	22.0
24.0	60.8	42.3	8 900	13 100	6 000	10 200	24.0
26.0	57.9	41.1	7 500	11 300	4 800	8 700	26.0
28.0	54.8	39.7	6 300	9 800	3 900	7 400	28.0
30.0	51.7	38.2	5 300	8 500	3 100	6 300	30.0
32.0	48.4	36.4	4 400	7 400	2 300	5 300	32.0
34.0	44.8	34.5	3 600	6 400	1 700	4 500	34.0
36.0	41.1	32.3	2 900	5 600	1 100	3 800	36.0
38.0	37.1	29.7	2 300	4 800		3 100	38.0
40.0	32.6	26.7	1 800	4 200		2 500	40.0
42.0	27.4	23.1	1 300	3 500		2 000	42.0
44.0	21.1	18.5		3 000		1 500	44.0

Liftcrane Boom Capacities

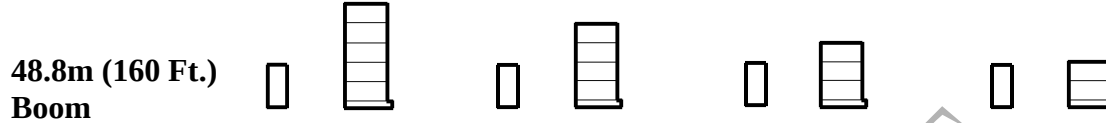
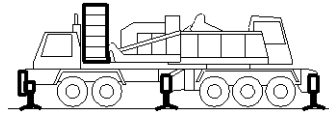
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 600	63 200*	9.0
10.0	80.3	50.7	60 100*	60 100*	60 100*	60 100*	59 700*	59 700*	52 000	55 800*	10.0
11.0	79.1	50.5	54 700*	54 700*	54 700*	54 700*	52 000	53 400*	44 200	49 900*	11.0
12.0	77.9	50.3	50 300*	50 300*	50 300*	50 300*	45 100	48 200*	38 200	45 000*	12.0
14.0	75.5	49.8	43 400*	43 400*	40 900	42 900*	35 200	40 100*	29 600	37 400	14.0
16.0	73.0	49.2	37 800	38 300*	33 200	36 500*	28 400	34 100*	23 700	30 800	16.0
18.0	70.6	48.5	31 800	33 700*	27 600	31 600*	23 600	29 500	19 500	25 500	18.0
20.0	68.0	47.7	27 000	29 600*	23 500	27 700*	19 900	25 200	16 300	21 500	20.0
22.0	65.4	46.8	23 300	26 200*	20 100	24 500*	16 900	21 700	13 700	18 400	22.0
24.0	62.8	45.8	20 400	23 400*	17 500	21 700	14 600	18 900	11 700	15 900	24.0
26.0	60.1	44.7	17 900	21 100*	15 300	19 200	12 700	16 500	10 000	13 900	26.0
28.0	57.3	43.4	15 900	19 000*	13 400	17 000	11 000	14 600	8 600	12 100	28.0
30.0	54.5	42.0	14 100	17 300*	11 900	15 200	9 600	12 900	7 400	10 700	30.0
32.0	51.5	40.5	12 600	15 700	10 500	13 600	8 400	11 500	6 300	9 400	32.0
34.0	48.4	38.7	11 300	14 200	9 300	12 200	7 400	10 200	5 500	8 300	34.0
36.0	45.1	36.8	10 100	12 900	8 300	11 000	6 500	9 200	4 700	7 300	36.0
38.0	41.6	34.6	9 100	11 700	7 400	9 900	5 700	8 200	4 000	6 500	38.0
40.0	37.9	32.1	8 200	10 600	6 600	9 000	4 900	7 300	3 300	5 700	40.0
42.0	33.8	29.3	7 400	9 700	5 900	8 100	4 300	6 600	2 800	5 000	42.0
44.0	29.2	25.9	6 600	8 800	5 200	7 300	3 700	5 800	2 200	4 400	44.0
46.0	23.8	21.7	5 900	8 000	4 500	6 600	3 100	5 200	1 700	3 800	46.0
48.0	16.7	16.0	5 300	7 200	4 000	5 900	2 600	4 600	1 300	3 200	48.0

Liftcrane Boom Capacities

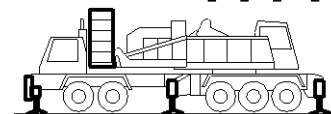
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
7.9	82.8	51.0	66 100	68 000*
8.0	82.7	51.0	65 000	67 300*
9.0	81.5	50.9	51 900	58 700*
10.0	80.3	50.7	42 900	51 900*
11.0	79.1	50.5	36 300	46 400*
12.0	77.9	50.3	31 200	41 500
14.0	75.5	49.8	23 900	32 200
16.0	73.0	49.2	19 000	25 900
18.0	70.6	48.5	15 400	21 400
20.0	68.0	47.7	12 600	17 900
22.0	65.4	46.8	10 500	15 200
24.0	62.8	45.8	8 800	13 000
26.0	60.1	44.7	7 400	11 200
28.0	57.3	43.4	6 200	9 700
30.0	54.5	42.0	5 200	8 400
32.0	51.5	40.5	4 300	7 300
34.0	48.4	38.7	3 500	6 400
36.0	45.1	36.8	2 900	5 500
38.0	41.6	34.6	2 200	4 700
40.0	37.9	32.1	1 700	4 000
42.0	33.8	29.3	1 200	3 500
44.0	29.2	25.9		2 900
46.0	23.8	21.7		2 400
48.0	16.7	16.0		1 900

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

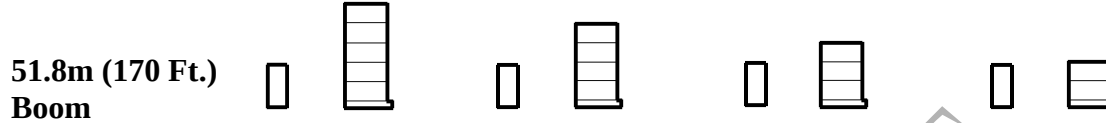
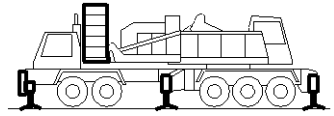
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	62 300	63 000*	9.0
10.0	80.9	53.8	58 900*	58 900*	58 900*	58 900*	58 900*	58 900*	52 000	55 700*	10.0
11.0	79.8	53.6	53 600*	53 600*	53 600*	53 600*	52 100	53 400*	44 200	49 900*	11.0
12.0	78.6	53.4	49 200*	49 200*	49 200*	49 200*	45 100	48 200*	38 200	45 000*	12.0
14.0	76.4	53.0	42 400*	42 400*	41 000	42 300*	35 200	40 100*	29 600	37 300	14.0
16.0	74.1	52.4	37 200	37 300*	33 200	36 500*	28 400	34 100*	23 700	30 800	16.0
18.0	71.7	51.7	31 900	33 300*	27 600	31 600*	23 500	29 500*	19 500	25 500	18.0
20.0	69.4	51.0	27 000	29 500*	23 500	27 600*	19 800	25 200	16 200	21 500	20.0
22.0	67.0	50.2	23 300	26 200*	20 100	24 500*	16 900	21 600	13 700	18 400	22.0
24.0	64.5	49.2	20 400	23 400*	17 500	21 700	14 600	18 800	11 700	15 900	24.0
26.0	62.1	48.2	17 900	21 000*	15 300	19 200	12 600	16 500	10 000	13 900	26.0
28.0	59.5	47.0	15 900	19 000*	13 400	17 000	11 000	14 600	8 600	12 100	28.0
30.0	56.9	45.8	14 100	17 300*	11 900	15 200	9 600	12 900	7 400	10 600	30.0
32.0	54.2	44.3	12 600	15 700	10 500	13 600	8 400	11 500	6 300	9 400	32.0
34.0	51.4	42.8	11 300	14 200	9 300	12 200	7 400	10 200	5 500	8 300	34.0
36.0	48.4	41.0	10 100	12 900	8 300	11 000	6 500	9 200	4 700	7 300	36.0
38.0	45.4	39.1	9 100	11 700	7 400	9 900	5 700	8 200	4 000	6 500	38.0
40.0	42.1	37.0	8 200	10 600	6 600	9 000	4 900	7 300	3 300	5 700	40.0
42.0	38.6	34.5	7 400	9 700	5 900	8 100	4 300	6 600	2 800	5 000	42.0
44.0	34.9	31.8	6 600	8 800	5 200	7 300	3 700	5 900	2 300	4 400	44.0
46.0	30.7	28.6	6 000	8 000	4 600	6 600	3 200	5 200	1 800	3 800	46.0
48.0	25.9	24.7	5 300	7 300	4 000	6 000	2 700	4 600	1 300	3 300	48.0
50.0	20.0	19.8	4 800	6 700	3 500	5 300	2 200	4 100	900	2 800	50.0

Liftcrane Boom Capacities

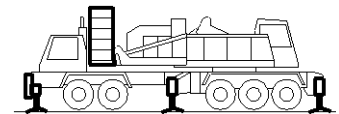
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
8.5	82.5	54.0	57 400	62 400*
9.0	82.0	54.0	52 100	58 700*
10.0	80.9	53.8	42 900	51 900*
11.0	79.8	53.6	36 300	46 400*
12.0	78.6	53.4	31 200	41 500
14.0	76.4	53.0	23 900	32 200
16.0	74.1	52.4	19 000	25 900
18.0	71.7	51.7	15 400	21 400
20.0	69.4	51.0	12 600	17 900
22.0	67.0	50.2	10 500	15 200
24.0	64.5	49.2	8 800	13 000
26.0	62.1	48.2	7 400	11 200
28.0	59.5	47.0	6 200	9 700
30.0	56.9	45.8	5 200	8 400
32.0	54.2	44.3	4 300	7 300
34.0	51.4	42.8	3 500	6 400
36.0	48.4	41.0	2 800	5 500
38.0	45.4	39.1	2 200	4 700
40.0	42.1	37.0	1 700	4 000
42.0	38.6	34.5	1 200	3 500
44.0	34.9	31.8		2 900
46.0	30.7	28.6		2 400
48.0	25.9	24.7		1 900
50.0	20.0	19.8		1 500

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

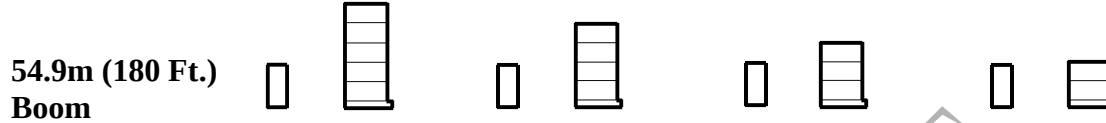
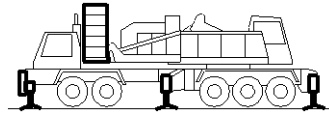
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	52 300	55 400*	10.0
11.0	80.3	56.7	52 300*	52 300*	52 300*	52 300*	52 300*	52 300*	44 200	49 700*	11.0
12.0	79.3	56.5	48 000*	48 000*	48 000*	48 000*	45 100	47 900*	38 100	44 800*	12.0
14.0	77.1	56.1	41 200*	41 200*	41 000	41 200*	35 100	39 900*	29 500	37 100	14.0
16.0	75.0	55.6	36 200*	36 200*	33 100	36 100*	28 300	33 900*	23 600	30 700	16.0
18.0	72.8	55.0	31 600	32 300*	27 500	31 400*	23 400	29 300*	19 300	25 400	18.0
20.0	70.6	54.3	26 900	29 100*	23 300	27 500*	19 700	25 000	16 100	21 400	20.0
22.0	68.3	53.5	23 200	26 000*	20 000	24 300*	16 800	21 500	13 600	18 300	22.0
24.0	66.1	52.6	20 200	23 200*	17 300	21 600	14 400	18 700	11 500	15 800	24.0
26.0	63.7	51.6	17 800	20 900*	15 100	19 000	12 500	16 400	9 900	13 700	26.0
28.0	61.4	50.6	15 700	18 800*	13 300	16 800	10 900	14 400	8 400	12 000	28.0
30.0	58.9	49.4	13 900	17 100*	11 700	15 000	9 500	12 800	7 200	10 500	30.0
32.0	56.5	48.1	12 400	15 500	10 300	13 400	8 300	11 300	6 200	9 300	32.0
34.0	53.9	46.7	11 100	14 000	9 200	12 100	7 300	10 100	5 300	8 100	34.0
36.0	51.2	45.1	10 000	12 700	8 200	10 800	6 300	9 000	4 500	7 200	36.0
38.0	48.5	43.3	8 900	11 500	7 300	9 800	5 500	8 000	3 800	6 300	38.0
40.0	45.6	41.4	8 000	10 500	6 400	8 800	4 800	7 200	3 100	5 500	40.0
42.0	42.5	39.3	7 200	9 500	5 700	7 900	4 100	6 400	2 600	4 800	42.0
44.0	39.3	36.9	6 500	8 600	5 000	7 200	3 500	5 700	2 100	4 200	44.0
46.0	35.8	34.2	5 800	7 900	4 400	6 500	3 000	5 000	1 600	3 600	46.0
48.0	32.0	31.2	5 200	7 200	3 900	5 800	2 500	4 500	1 200	3 100	48.0
50.0	27.7	27.6	4 600	6 500	3 300	5 200	2 100	3 900		2 700	50.0
52.0	22.6	23.2	4 100	5 900	2 900	4 700	1 600	3 400		2 200	52.0
54.0	16.0	17.2	3 600	5 300	2 400	4 100	1 200	2 900		1 800	54.0

Liftcrane Boom Capacities

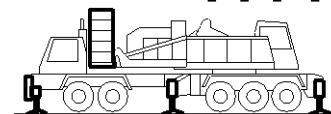
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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	43 270 kg Crane Cwt. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 kg Bumper Cwt.		20 140 kg Crane Cwt. 3 630 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*	51 600	52 200*	10.0
11.0	80.9	59.8	49 400*	49 400*	49 400*	49 400*	49 400	49 400*	44 100	49 300*	11.0
12.0	79.8	59.6	46 600*	46 600*	46 600*	46 600*	45 300	46 600*	38 100	44 700*	12.0
14.0	77.8	59.2	40 100*	40 100*	40 000	40 100*	35 000	39 800*	29 400	37 000	14.0
16.0	75.8	58.7	35 200*	35 200*	33 100	35 200*	28 200	33 700*	23 500	30 600	16.0
18.0	73.7	58.2	31 300	31 300*	27 400	31 200*	23 300	29 100*	19 200	25 300	18.0
20.0	71.6	57.5	26 800	28 200*	23 200	27 300*	19 600	24 900	16 000	21 200	20.0
22.0	69.5	56.8	23 100	25 600*	19 800	24 100*	16 600	21 400	13 400	18 100	22.0
24.0	67.4	56.0	20 000	23 100*	17 200	21 400	14 300	18 500	11 400	15 600	24.0
26.0	65.2	55.0	17 600	20 700*	15 000	18 900	12 300	16 200	9 700	13 600	26.0
28.0	63.0	54.0	15 500	18 600*	13 100	16 700	10 700	14 300	8 300	11 800	28.0
30.0	60.8	52.9	13 800	16 900*	11 500	14 900	9 300	12 600	7 100	10 400	30.0
32.0	58.4	51.7	12 300	15 400*	10 200	13 300	8 100	11 200	6 000	9 100	32.0
34.0	56.1	50.4	10 900	13 900	9 000	11 900	7 100	9 900	5 100	8 000	34.0
36.0	53.6	49.0	9 800	12 500	8 000	10 700	6 200	8 800	4 300	7 000	36.0
38.0	51.1	47.4	8 800	11 300	7 100	9 600	5 300	7 900	3 600	6 200	38.0
40.0	48.5	45.6	7 900	10 300	6 200	8 700	4 600	7 000	3 000	5 400	40.0
42.0	45.8	43.7	7 000	9 400	5 500	7 800	4 000	6 200	2 400	4 700	42.0
44.0	42.9	41.6	6 300	8 500	4 900	7 000	3 400	5 500	1 900	4 100	44.0
46.0	39.8	39.3	5 700	7 700	4 300	6 300	2 900	4 900	1 500	3 500	46.0
48.0	36.6	36.7	5 000	7 000	3 700	5 700	2 300	4 300	1 000	3 000	48.0
50.0	33.1	33.7	4 500	6 400	3 200	5 100	1 900	3 800		2 500	50.0
52.0	29.2	30.3	3 900	5 700	2 700	4 500	1 500	3 300		2 000	52.0
54.0	24.7	26.3	3 500	5 200	2 300	4 000	1 100	2 800		1 600	54.0
56.0	19.2	21.1	3 000	4 700	1 800	3 500		2 400		1 200	56.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

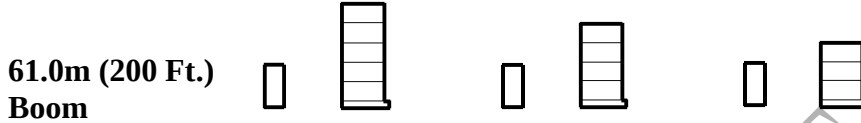
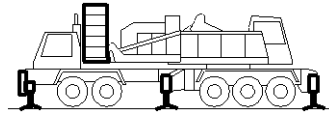
0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 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	
9.8	82.5	63.1	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*	10.0
11.0	81.3	62.9	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*	12.0
14.0	78.4	62.3	38 100*	38 100*	38 100	38 100*	35 100	38 100*	14.0
16.0	76.5	61.9	34 100*	34 100*	33 300	34 100*	28 100	33 700*	16.0
18.0	74.6	61.3	30 500*	30 500*	27 200	30 500*	23 200	28 900*	18.0
20.0	72.6	60.7	26 700	27 400*	23 000	27 100*	19 400	24 800	20.0
22.0	70.6	60.0	22 900	24 600*	19 700	23 900*	16 500	21 200	22.0
24.0	68.6	59.2	19 900	22 200*	17 000	21 200	14 100	18 400	24.0
26.0	66.6	58.4	17 400	20 100*	14 800	18 700	12 200	16 000	26.0
28.0	64.5	57.5	15 400	18 100*	12 900	16 500	10 500	14 100	28.0
30.0	62.4	56.4	13 600	16 400*	11 400	14 700	9 100	12 400	30.0
32.0	60.2	55.3	12 100	14 800*	10 000	13 100	7 900	11 000	32.0
34.0	58.0	54.1	10 800	13 400*	8 800	11 700	6 900	9 700	34.0
36.0	55.7	52.7	9 600	12 100*	7 800	10 500	6 000	8 700	36.0
38.0	53.4	51.3	8 600	10 900*	6 900	9 400	5 200	7 700	38.0
40.0	51.0	49.7	7 700	9 800*	6 100	8 400	4 400	6 800	40.0
42.0	48.5	47.9	6 900	8 700*	5 300	7 600	3 800	6 100	42.0
44.0	45.9	46.0	6 100	7 800*	4 700	6 800	3 200	5 400	44.0
46.0	43.2	44.0	5 500	6 900*	4 000	6 100	2 600	4 700	46.0
48.0	40.4	41.7	4 800	6 100*	3 500	5 500	2 200	4 100	48.0
50.0	37.3	39.1	4 300	5 300*	3 000	4 900	1 700	3 600	50.0
52.0	34.0	36.3	3 800	4 600*	2 500	4 300	1 300	3 100	52.0
54.0	30.4	33.0	3 300	4 000*	2 100	3 800		2 700	54.0
56.0	26.4	29.2	2 800	3 300*	1 700	3 300		2 200	56.0
58.0	21.6	24.6	2 400	2 700*	1 300	2 700*		1 800	58.0
60.0	15.5	18.4	2 000	2 200*		2 200*		1 400	60.0

Liftcrane Boom Capacities

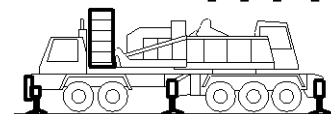
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight

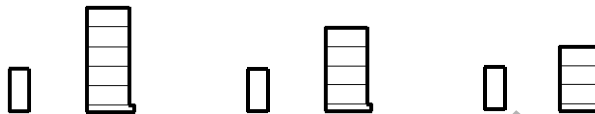
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		27 850 kg Crane Cwt. 3 630 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	
10.4	82.3	66.1	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*	11.0
12.0	80.8	65.8	44 600*	44 600*	44 600*	44 600*	44 300	44 600*	12.0
14.0	79.0	65.5	38 800*	38 800*	38 800	38 800*	34 800	38 800*	14.0
16.0	77.2	65.0	33 900*	33 900*	33 000	33 900*	28 000	33 500*	16.0
18.0	75.3	64.5	30 100*	30 100*	27 200	30 100*	23 100	28 700*	18.0
20.0	73.5	63.9	26 500	27 100*	22 900	27 000*	19 300	24 700	20.0
22.0	71.6	63.3	22 800	24 500*	19 600	23 800*	16 400	21 100	22.0
24.0	69.7	62.5	19 800	22 300*	16 900	21 100*	14 000	18 300	24.0
26.0	67.7	61.7	17 300	20 300*	14 700	18 600	12 100	16 000	26.0
28.0	65.8	60.8	15 300	18 300*	12 800	16 400	10 400	14 000	28.0
30.0	63.8	59.9	13 500	16 500*	11 300	14 600	9 000	12 300	30.0
32.0	61.8	58.8	12 000	15 000*	9 900	13 000	7 800	10 900	32.0
34.0	59.7	57.7	10 700	13 500	8 700	11 600	6 800	9 600	34.0
36.0	57.6	56.4	9 500	12 200	7 700	10 400	5 900	8 500	36.0
38.0	55.4	55.0	8 500	11 000	6 800	9 300	5 100	7 600	38.0
40.0	53.2	53.6	7 600	10 000	6 000	8 400	4 300	6 700	40.0
42.0	50.9	52.0	6 800	9 000	5 200	7 500	3 700	5 900	42.0
44.0	48.5	50.2	6 000	8 200	4 500	6 700	3 100	5 200	44.0
46.0	46.1	48.3	5 400	7 400	4 000	6 000	2 600	4 600	46.0
48.0	43.5	46.3	4 800	6 700	3 400	5 400	2 100	4 000	48.0
50.0	40.8	44.0	4 200	6 100	2 900	4 800	1 600	3 500	50.0
52.0	37.9	41.5	3 700	5 500	2 400	4 300	1 200	3 000	52.0
54.0	34.9	38.8	3 200	4 900	2 000	3 700		2 600	54.0
56.0	31.5	35.6	2 700	4 400	1 600	3 300		2 100	56.0
58.0	27.9	32.0	2 300	3 900	1 200	2 800		1 700	58.0
60.0	23.6	27.7	1 900	3 500		2 400		1 300	60.0
62.0	18.5	22.4	1 600	3 000		2 000		1 000	62.0
64.0	11.2	14.5	1 200	2 300		1 600			64.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

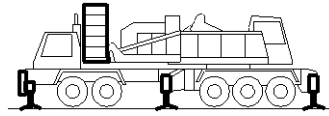
0 kg to 43 270 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**67.1m (220 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		Oper. Rad. m
			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*	11.0
12.0	81.2	68.9	44 400*	44 400*	44 400*	44 400*	12.0
14.0	79.5	68.6	37 800*	37 800*	37 800*	37 800*	14.0
16.0	77.8	68.1	33 000*	33 000*	32 600	33 000*	16.0
18.0	76.0	67.7	29 200*	29 200*	27 200	29 200*	18.0
20.0	74.2	67.1	26 200	26 200*	22 900	26 200*	20.0
22.0	72.4	66.5	22 800	23 800*	19 500	23 700*	22.0
24.0	70.6	65.8	19 700	21 600*	16 800	21 100*	24.0
26.0	68.8	65.0	17 300	19 900*	14 600	18 500	26.0
28.0	66.9	64.2	15 200	18 200*	12 700	16 300	28.0
30.0	65.1	63.3	13 400	16 500*	11 200	14 500	30.0
32.0	63.2	62.3	11 900	14 900*	9 800	12 900	32.0
34.0	61.2	61.2	10 600	13 500	8 700	11 500	34.0
36.0	59.2	60.0	9 500	12 100	7 600	10 300	36.0
38.0	57.2	58.7	8 400	11 000	6 700	9 200	38.0
40.0	55.1	57.4	7 500	9 900	5 900	8 300	40.0
42.0	53.0	55.9	6 700	9 000	5 100	7 400	42.0
44.0	50.8	54.3	6 000	8 100	4 500	6 600	44.0
46.0	48.6	52.5	5 300	7 300	3 900	5 900	46.0
48.0	46.2	50.7	4 700	6 600	3 300	5 300	48.0
50.0	43.8	48.6	4 100	6 000	2 800	4 700	50.0
52.0	41.2	46.4	3 600	5 400	2 400	4 200	52.0
54.0	38.5	43.9	3 100	4 900	1 900	3 700	54.0
56.0	35.6	41.2	2 700	4 300	1 600	3 200	56.0
58.0	32.5	38.2	2 200	3 900	1 200	2 800	58.0
60.0	29.1	34.8	1 900	3 400		2 400	60.0
62.0	25.3	30.8	1 500	3 000		2 000	62.0
64.0	20.8	25.9	1 200	2 600		1 600	64.0
66.0	15.1	19.5		2 100		1 300	66.0

Liftcrane Boom Capacities

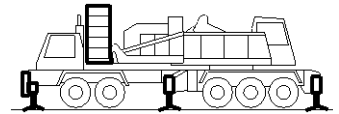
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. 3 630 kg Bumper Cwt.		35 560 kg Crane Cwt. 3 630 kg Bumper Cwt.		Oper. Rad. m
			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*	11.6
12.0	81.6	72.0	42 300*	42 300*	42 300*	42 300*	12.0
14.0	80.0	71.7	37 000*	37 000*	37 000*	37 000*	14.0
16.0	78.3	71.3	32 100*	32 100*	32 000	32 100*	16.0
18.0	76.6	70.8	28 400*	28 400*	27 100	28 400*	18.0
20.0	74.9	70.3	25 500	25 500*	22 700	25 500*	20.0
22.0	73.2	69.7	22 700	23 000*	19 400	23 000*	22.0
24.0	71.5	69.0	19 500	20 900*	16 700	20 800*	24.0
26.0	69.8	68.3	17 100	19 200*	14 500	18 300	26.0
28.0	68.0	67.5	15 000	17 700*	12 600	16 100	28.0
30.0	66.2	66.6	13 300	16 200*	11 000	14 300	30.0
32.0	64.4	65.7	11 700	14 700*	9 700	12 700	32.0
34.0	62.6	64.7	10 400	13 300	8 500	11 300	34.0
36.0	60.7	63.5	9 300	12 000	7 400	10 100	36.0
38.0	58.8	62.3	8 200	10 800	6 500	9 000	38.0
40.0	56.9	61.1	7 300	9 700	5 700	8 100	40.0
42.0	54.9	59.7	6 500	8 800	4 900	7 200	42.0
44.0	52.8	58.2	5 800	7 900	4 300	6 500	44.0
46.0	50.7	56.6	5 100	7 100	3 700	5 800	46.0
48.0	48.6	54.8	4 500	6 500	3 100	5 100	48.0
50.0	46.3	53.0	3 900	5 800	2 600	4 500	50.0
52.0	44.0	50.9	3 400	5 200	2 200	4 000	52.0
54.0	41.6	48.7	2 900	4 700	1 800	3 500	54.0
56.0	39.0	46.3	2 500	4 100	1 300	3 000	56.0
58.0	36.3	43.7	2 100	3 700*		2 600	58.0
60.0	33.4	40.7	1 700	3 100*		2 200	60.0
62.0	30.2	37.4	1 300	2 600*		1 800	62.0
64.0	26.7	33.7	1 000	2 100*		1 400	64.0
66.0	22.8	29.2		1 600*		1 100	66.0
68.0	17.9	23.6		1 100*			68.0

Liftcrane Boom Capacities

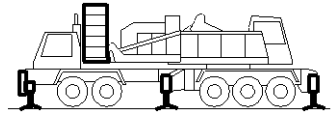
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With 3 630 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. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	43 270 kg Crane Cwt. 3 630 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
12.2	81.8	75.1	38 000*	38 000*
14.0	80.4	74.8	35 100*	35 100*
16.0	78.8	74.4	31 600*	31 600*
18.0	77.2	73.9	27 700*	27 700*
20.0	75.6	73.4	24 700*	24 700*
22.0	73.9	72.9	22 200	22 300*
24.0	72.3	72.2	19 400	20 300*
26.0	70.6	71.5	16 900	18 600*
28.0	69.0	70.8	14 900	17 000*
30.0	67.3	69.9	13 100	15 700*
32.0	65.6	69.1	11 600	14 300*
34.0	63.8	68.1	10 200	12 800*
36.0	62.1	67.0	9 100	11 500*
38.0	60.3	65.9	8 100	10 300*
40.0	58.4	64.7	7 100	9 200*
42.0	56.6	63.4	6 300	8 200*
44.0	54.6	62.0	5 600	7 300*
46.0	52.7	60.5	4 900	6 400*
48.0	50.7	58.9	4 300	5 600*
50.0	48.6	57.1	3 700	4 900*
52.0	46.5	55.3	3 200	4 200*
54.0	44.2	53.3	2 700	3 500*
56.0	41.9	51.1	2 300	2 900*
58.0	39.5	48.7	1 900	2 300*
60.0	36.9	46.1	1 500	1 800*
62.0	34.2	43.2	1 100	1 300*