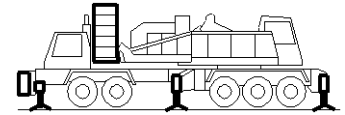


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially 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 (*). Capacities indicated by (b) require 2 630 kg minimum block weight.

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 partially extended (5 467 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-B**. 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 or without 11 340 kg front bumper counterweight.

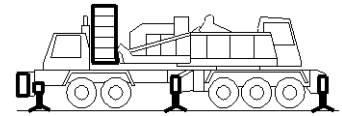
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 770 kg
12.2m	2 130 kg
15.2m	2 540 kg
18.3m	2 990 kg
21.3m	3 450 kg
24.4m	3 950 kg

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 or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

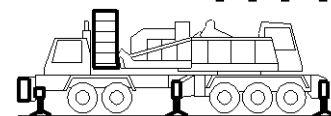
 Meets
ANSI B30.5
Requirements


Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.						
(a) 82.3m	—	67.1m	—	Not Allowed		Not Allowed
(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					
43 270 kg Crane Counterweight						
(c) 73.2m	—	67.1m	—	Not Allowed		Not Allowed
70.1m	—	64.0m	—			
67.1m	—	61.0m	9.1m			
64.0m	12.2m	57.9m	18.3m			
61.0m	21.3m	54.9m	24.4m			
57.9m	24.4m					
35 560 kg Crane Counterweight						
67.1m	—	61.0m	—	54.9m	—	Not Allowed
64.0m	—	57.9m	—	51.8m	—	
61.0m	9.1m	54.9m	15.2m	48.8m	12.2m	
57.9m	18.3m	51.8m	21.3m	45.7m	21.3m	
54.9m	24.4m	48.8m	24.4m	42.7m	24.4m	
27 850 kg Crane Counterweight						
61.0m	—	54.9m	—	48.8m	—	Not Allowed
57.9m	—	51.8m	9.1m	45.7m	—	
54.9m	12.2m	48.8m	15.2m	42.7m	15.2m	
51.8m	21.3m	45.7m	21.3m	39.6m	24.4m	
48.8m	24.4m	42.7m	24.4m			
20 140 kg Crane Counterweight						
54.9m	—	48.8m	—	42.7m	—	Not Allowed
51.8m	—	45.7m	9.1m	39.6m	9.1m	
48.8m	12.2m	42.7m	18.3m	36.6m	18.3m	
45.7m	21.3m	39.6m	24.4m	33.5m	24.4m	
42.7m	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. (c) Upper boom point cannot be used on 73.2 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		
43 270 kg Crane Counterweight		
45.7m	—	Not Allowed
42.7m	—	
39.6m	12.2m	
36.6m	21.3m	
33.5m	24.4m	
35 560 kg Crane Counterweight		
39.6m	—	Not Allowed
36.6m	9.1m	
33.5m	15.2m	
30.5m	24.4m	
27 850 kg Crane Counterweight		
36.6m	—	Not Allowed
33.5m	—	
30.5m	12.2m	
20 140 kg Crane Counterweight		
30.5m	—	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 or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially 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		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
12 430 kg Crane Counterweight						
48.8m	—	42.7m	—	36.6m	—	21.3m
45.7m	—	39.6m	9.1m	33.5m	—	—
42.7m	15.2m	36.6m	18.3m	30.5m	15.2m	—
39.6m	24.4m	33.5m	24.4m	—	—	—
4 720 kg Crane Counterweight						
42.7m	—	36.6m	—	30.5m	—	13m
39.6m	—	33.5m	—	—	—	—
36.6m	15.2m	30.5m	15.2m	—	—	—
33.5m	21.3m	—	—	—	—	—
30.5m	24.4m	—	—	—	—	—
0 kg Crane Counterweight						
39.6m	—	30.5m	—	24.4m	—	—
36.6m	—	—	—	—	—	Not Allowed
33.5m	12.2m	—	—	—	—	—
30.5m	18.3m	—	—	—	—	—
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		
24.4m	—	Not Allowed
4 720 kg Crane Counterweight		
18.3m	—	13m
0 kg Crane Counterweight		
13m	—	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

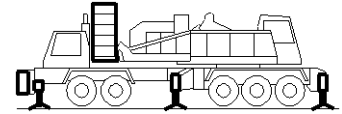
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	165 100*	↑ NOT ALLOWED ↓	165 100*		165 100*	165 100*	165 100*	3.7
4.0	80.1	15.2		164 500*		164 500*		163 700*	156 900*	156 900*	4.0
4.5	77.8	15.1		153 700*		153 700*		146 700*	140 200*	140 200*	4.5
5.0	75.4	15.0		138 500*		138 500*	132 600*b	132 600*	126 800*	126 800*	5.0
5.5	73.1	14.8		126 400*		126 400*	121 000*b	121 000*	115 700*	115 700*	5.5
6.0	70.7	14.6	↑ NOT ALLOWED ↓	116 100*	↑ NOT ALLOWED ↓	116 100*	111 200*b	111 200*	104 500	106 200*	6.0
7.0	65.7	14.1		99 700*		99 700*	92 500	95 300*	78 600	90 200*	7.0
8.0	60.6	13.6		87 100*		87 100*	72 900	82 300*	62 500	77 400*	8.0
9.0	55.1	12.8		76 300*		76 300*	60 200	72 000*	51 500	67 700*	9.0
10.0	49.1	12.0		67 700*		67 700*	51 000	63 900*	43 400	60 000*	10.0
11.0	42.5	10.9	↑ NOT ALLOWED ↓	60 700*	↑ NOT ALLOWED ↓	60 700*	43 900	57 200*	37 300	53 700*	11.0
12.0	34.8	9.5		54 800*		54 800*	38 400	51 600*	32 500	48 500*	12.0

Liftcrane Boom Capacities

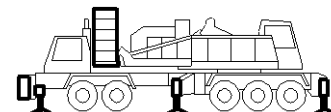
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



13.0m (42.5 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	162 400*	162 400*	154 600*	154 600*	146 800*	146 800*	142 100*	142 100*	3.7
4.0	80.1	15.2	149 400*	149 400*	142 200*	142 200*	134 800	135 100*	125 500	130 700*	4.0
4.5	77.8	15.1	133 800*	133 800*	127 300*	127 300*	107 500	120 900*	87 100	116 100*	4.5
5.0	75.4	15.0	120 900*	120 900*	106 100	115 000*	81 300	107 700*	66 600	102 800*	5.0
5.5	73.1	14.8	105 100	110 300*	85 300	103 800*	65 600	96 600*	53 500	92 200*	5.5
6.0	70.7	14.6	88 000	100 700*	71 300	94 000*	54 600	87 500*	44 400	83 500*	6.0
7.0	65.7	14.1	65 800	84 500*	53 000	78 900*	40 200	73 300*	32 400	67 900	7.0
8.0	60.6	13.6	52 200	72 600*	41 800	67 700*	31 400	58 800	25 100	50 600	8.0
9.0	55.1	12.8	42 700	63 500*	34 000	57 800	25 300	46 800	20 000	40 200	9.0
10.0	49.1	12.0	35 900	56 100	28 400	47 800	20 900	38 600	16 300	32 900	10.0
11.0	42.5	10.9	30 700	48 400	24 100	40 400	17 500	32 400	13 400	27 600	11.0
12.0	34.8	9.5	26 500	41 800	20 700	34 700	14 700	27 700	11 200	23 400	12.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

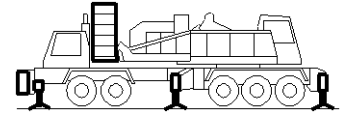
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT	165 100*	↑ NOT						4.0
4.5	81.5	20.7		153 200*		152 700*	146 300*	146 300*	139 800*	139 800*	4.5
5.0	79.9	20.6		138 000*		138 000*	132 200*	132 200*	126 300*	126 300*	5.0
5.5	78.3	20.5		126 000*		126 000*	120 600*	120 600*	115 200*	115 200*	5.5
6.0	76.7	20.4		115 700*		115 700*	110 800*	110 800*	104 900	105 800*	6.0
7.0	73.4	20.1	ALL OW ED ↓	99 400*	ALL OW ED ↓	99 400*	93 100	95 000*	79 300	90 000*	7.0
8.0	70.0	19.7		86 900*		86 900*	73 500	82 200*	63 200	77 400*	8.0
9.0	66.6	19.3		76 300*		76 300*	60 700	71 900*	52 000	67 700*	9.0
10.0	63.1	18.7		67 700*		67 700*	51 500	63 800*	44 000	60 000*	10.0
11.0	59.4	18.1		60 700*		60 700*	44 500	57 200*	37 900	53 700*	11.0
12.0	55.6	17.4		54 900*		54 900*	38 900	51 700*	33 000	48 600*	12.0
14.0	47.3	15.7		45 900*		45 900*	30 800	43 100*	25 900	38 800	14.0
16.0	37.6	13.4		39 100*		39 100*	25 000	36 400	20 900	31 400	16.0
18.0	24.6	9.7		33 800*		33 800*	20 700	30 100	17 100	26 000	18.0

Liftcrane Boom Capacities

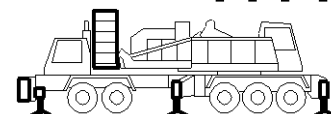
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



18.3m (60 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	
4.5	81.5	20.7	133 400*	133 400*	126 900*	126 900*	108 600	120 500*	89 700	115 800*	4.5
5.0	79.9	20.6	120 500*	120 500*	107 800	114 600*	82 700	107 500*	68 000	102 600*	5.0
5.5	78.3	20.5	106 300	109 900*	86 400	103 600*	66 700	96 400*	54 700	92 000*	5.5
6.0	76.7	20.4	89 000	100 500*	72 300	93 800*	55 500	87 300*	45 300	83 300*	6.0
7.0	73.4	20.1	66 600	84 300*	53 700	78 800*	41 000	73 200*	33 200	68 200	7.0
8.0	70.0	19.7	52 800	72 500*	42 400	67 600*	32 000	59 900	25 700	51 600	8.0
9.0	66.6	19.3	43 300	63 400*	34 600	58 300	25 900	47 700	20 500	41 100	9.0
10.0	63.1	18.7	36 400	56 100*	28 900	48 500	21 400	39 300	16 800	33 700	10.0
11.0	59.4	18.1	31 200	49 200	24 600	41 200	18 000	33 200	13 900	28 400	11.0
12.0	55.6	17.4	27 100	42 600	21 200	35 500	15 300	28 500	11 700	24 200	12.0
14.0	47.3	15.7	21 100	33 100	16 200	27 400	11 300	21 700	8 400	18 200	14.0
16.0	37.6	13.4	16 800	26 600	12 600	21 800	8 500	17 100	6 000	14 100	16.0
18.0	24.6	9.7	13 500	21 900	10 000	17 700	6 400	13 600	4 200	11 100	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

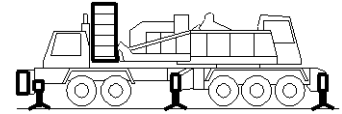
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**21.3m (70 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT	134 300*	↑ NOT	134 300*	134 300*b	134 300*	134 300*	134 300*	4.6
5.0	81.4	23.7		133 100*		133 100*	131 800*b	131 800*	127 100*	127 100*	5.0
5.5	80.0	23.6		126 400*		126 400*	121 000*b	121 000*	115 600*	115 600*	5.5
6.0	78.6	23.5		116 100*		116 100*	111 200*	111 200*	105 600	106 200*	6.0
7.0	75.8	23.3		99 700*		99 700*	93 700	95 500*	80 200	90 500*	7.0
8.0	73.0	23.0	A L L O W E D ↓	87 100*	A L L O W E D ↓	87 100*	74 300	82 700*	63 900	77 800*	8.0
9.0	70.2	22.6		76 700*		76 700*	61 500	72 400*	52 800	68 100*	9.0
10.0	67.2	22.1		68 100*		68 100*	52 200	64 300*	44 700	60 400*	10.0
11.0	64.2	21.7		61 200*		61 200*	45 200	57 700*	38 500	54 200*	11.0
12.0	61.2	21.1		55 400*		55 400*	39 600	52 200*	33 700	49 000*	12.0
14.0	54.7	19.7	↓	46 400*	↓	46 400*	31 500	43 700*	26 600	39 600	14.0
16.0	47.6	18.0		39 700*		39 700*	25 700	37 000	21 600	32 200	16.0
18.0	39.5	15.8		34 400*		34 400*	21 500	31 000	17 900	26 800	18.0
20.0	29.5	12.6		30 300*		30 000	18 200	26 400	15 000	22 700	20.0

Liftcrane Boom Capacities

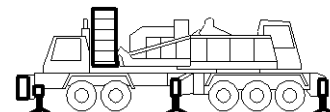
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



21.3m (70 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	131 600*	131 600*	125 300*	125 300*	104 800	118 900*	86 700	114 100*	4.6
5.0	81.4	23.7	120 900*	120 900*	109 000	115 000*	83 800	107 900*	69 200	103 000*	5.0
5.5	80.0	23.6	107 400	110 200*	87 500	104 100*	67 700	96 800*	55 700	92 400*	5.5
6.0	78.6	23.5	89 900	100 900*	73 200	94 300*	56 500	87 700*	46 300	83 700*	6.0
7.0	75.8	23.3	67 400	84 800*	54 600	79 200*	41 800	73 600*	34 000	68 900	7.0
8.0	73.0	23.0	53 600	73 000*	43 200	68 100*	32 800	60 900	26 500	52 600	8.0
9.0	70.2	22.6	44 100	63 800*	35 300	59 100	26 600	48 500	21 300	41 900	9.0
10.0	67.2	22.1	37 200	56 600*	29 600	49 400	22 100	40 200	17 500	34 500	10.0
11.0	64.2	21.7	31 900	50 000	25 300	42 000	18 700	34 000	14 700	29 100	11.0
12.0	61.2	21.1	27 800	43 300	21 900	36 300	16 000	29 300	12 400	25 000	12.0
14.0	54.7	19.7	21 800	33 900	16 900	28 200	12 000	22 500	9 100	19 000	14.0
16.0	47.6	18.0	17 500	27 400	13 400	22 600	9 300	17 900	6 800	14 900	16.0
18.0	39.5	15.8	14 300	22 700	10 700	18 600	7 200	14 500	5 000	12 000	18.0
20.0	29.5	12.6	11 800	19 100	8 700	15 500	5 500	11 800	3 600	9 600	20.0

Liftcrane Boom Capacities

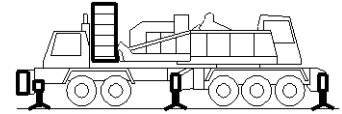
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



**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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	127 200*	↑ NOT ALLOWED ↓	127 200*	127 200*b	127 200*	127 200*	127 200*	4.9
5.0	82.5	26.8		126 800*		126 800*	126 800*b	126 800*	125 300*	125 300*	5.0
5.5	81.3	26.7		125 200*		125 200*	120 900*b	120 900*	115 500*	115 500*	5.5
6.0	80.1	26.6		116 200*		116 200*	111 100*	111 100*	105 800	106 100*	6.0
7.0	77.7	26.4		99 700*		99 700*	93 700	95 400*	80 500	90 500*	7.0
8.0	75.2	26.1	↑ NOT ALLOWED ↓	87 200*	↑ NOT ALLOWED ↓	87 200*	74 600	82 700*	64 200	77 800*	8.0
9.0	72.8	25.8		76 700*		76 700*	61 700	72 400*	53 000	68 100*	9.0
10.0	70.2	25.5		68 100*		68 100*	52 400	64 300*	44 900	60 400*	10.0
11.0	67.7	25.0		61 200*		61 200*	45 300	57 700*	38 700	54 200*	11.0
12.0	65.1	24.6		55 400*		55 400*	39 800	52 200*	33 900	49 000*	12.0
14.0	59.7	23.5	↑ NOT ALLOWED ↓	46 400*	↑ NOT ALLOWED ↓	46 400*	31 600	43 700*	26 800	39 800	14.0
16.0	54.0	22.0		39 700*		39 700*	25 900	37 100	21 800	32 400	16.0
18.0	47.8	20.3		34 500*		34 500*	21 600	31 200	18 100	27 000	18.0
20.0	40.8	18.1		30 300*		30 200	18 400	26 600	15 200	23 000	20.0
22.0	32.6	15.3		27 000*		26 200	15 700	22 900	12 900	19 700	22.0
24.0	21.7	11.1		24 100*		22 900	13 600	20 000	11 000	17 000	24.0

Liftcrane Boom Capacities

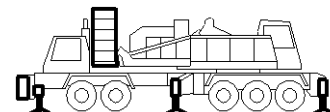
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



24.4m (80 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	123 700*	123 700*	115 300	117 700*	89 800	111 000*	74 200	106 000*	4.9
5.0	82.5	26.8	120 900*	120 900*	109 200	115 000*	85 000	108 000*	70 200	103 100*	5.0
5.5	81.3	26.7	107 900	110 100*	88 000	104 100*	68 200	96 800*	56 200	92 400*	5.5
6.0	80.1	26.6	90 300	100 900*	73 600	94 300*	56 900	87 700*	46 700	83 700*	6.0
7.0	77.7	26.4	67 700	84 800*	54 900	79 200*	42 100	73 600*	34 300	69 100	7.0
8.0	75.2	26.1	53 800	72 900*	43 400	68 100*	33 000	61 300	26 700	53 000	8.0
9.0	72.8	25.8	44 200	63 800*	35 500	59 300	26 800	48 900	21 500	42 300	9.0
10.0	70.2	25.5	37 300	56 600*	29 800	49 600	22 300	40 400	17 700	34 800	10.0
11.0	67.7	25.0	32 100	50 200	25 500	42 200	18 900	34 200	14 800	29 300	11.0
12.0	65.1	24.6	28 000	43 500	22 100	36 500	16 200	29 500	12 600	25 200	12.0
14.0	59.7	23.5	21 900	34 000	17 000	28 400	12 200	22 700	9 200	19 200	14.0
16.0	54.0	22.0	17 600	27 600	13 500	22 800	9 400	18 000	6 900	15 100	16.0
18.0	47.8	20.3	14 500	22 900	10 900	18 800	7 300	14 600	5 100	12 100	18.0
20.0	40.8	18.1	12 000	19 300	8 900	15 700	5 700	12 100	3 800	9 900	20.0
22.0	32.6	15.3	10 100	16 500	7 200	13 200	4 400	10 000	2 700	8 100	22.0
24.0	21.7	11.1	8 400	14 100	5 900	11 200	3 300	8 300	1 700	6 500	24.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

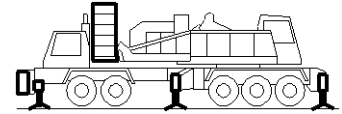
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	124 100*	↑ NOT ALLOWED ↓	124 100*	124 100*	124 100*	122 300*	122 300*	5.2
5.5	82.2	29.9		120 100*		120 100*	120 100*	120 100*	115 400*	115 400*	5.5
6.0	81.2	29.8		113 400*		113 400*	111 100*	111 100*	105 900	106 100*	6.0
7.0	79.1	29.6		99 800*		99 800*	93 800	95 300*	80 800	90 500*	7.0
8.0	76.9	29.3		87 100*		87 100*	74 700	82 600*	64 400	77 800*	8.0
9.0	74.7	29.0	↑ NOT ALLOWED ↓	76 700*	↑ NOT ALLOWED ↓	76 700*	61 900	72 400*	53 100	68 100*	9.0
10.0	72.5	28.7		68 100*		68 100*	52 500	64 300*	45 000	60 400*	10.0
11.0	70.3	28.3		61 100*		61 100*	45 500	57 700*	38 900	54 200*	11.0
12.0	68.1	27.9		55 400*		55 400*	39 900	52 200*	34 000	49 000*	12.0
14.0	63.4	27.0		46 400*		46 400*	31 700	43 700*	26 800	40 000	14.0
16.0	58.6	25.8		39 700*		39 700*	26 000	37 100	21 800	32 500	16.0
18.0	53.4	24.4		34 500*		34 500*	21 700	31 300	18 200	27 100	18.0
20.0	47.9	22.6		30 400*		30 400	18 500	26 700	15 300	23 100	20.0
22.0	41.8	20.5		27 000*		26 300	15 900	23 100	13 000	19 900	22.0
24.0	34.8	17.8		24 200*		23 100	13 700	20 200	11 200	17 300	24.0
26.0	26.2	14.2		21 800*		20 400	11 900	17 800	9 600	15 100	26.0

Liftcrane Boom Capacities

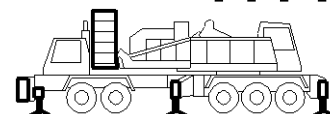
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



27.4m (90 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	116 600*	116 600*	100 600	110 900*	78 300	103 600*	64 700	98 900*	5.2
5.5	82.2	29.9	108 300	110 100*	88 400	104 100*	68 600	96 800*	56 600	92 400*	5.5
6.0	81.2	29.8	90 700	100 900*	73 900	94 300*	57 200	87 700*	47 000	83 700*	6.0
7.0	79.1	29.6	67 900	84 800*	55 200	79 200*	42 400	73 600*	34 600	69 200	7.0
8.0	76.9	29.3	54 000	72 900*	43 600	68 100*	33 200	61 600	26 900	53 300	8.0
9.0	74.7	29.0	44 400	63 800*	35 700	59 500	27 000	49 100	21 700	42 500	9.0
10.0	72.5	28.7	37 500	56 600*	29 900	49 800	22 400	40 600	17 800	35 100	10.0
11.0	70.3	28.3	32 200	50 400	25 600	42 400	19 000	34 400	14 900	29 600	11.0
12.0	68.1	27.9	28 100	43 700	22 200	36 700	16 300	29 600	12 700	25 400	12.0
14.0	63.4	27.0	22 000	34 200	17 100	28 500	12 300	22 800	9 300	19 300	14.0
16.0	58.6	25.8	17 700	27 700	13 600	22 900	9 500	18 200	7 000	15 200	16.0
18.0	53.4	24.4	14 600	23 000	11 000	18 900	7 400	14 800	5 200	12 300	18.0
20.0	47.9	22.6	12 100	19 500	9 000	15 800	5 800	12 200	3 900	10 000	20.0
22.0	41.8	20.5	10 200	16 600	7 300	13 400	4 500	10 200	2 800	8 200	22.0
24.0	34.8	17.8	8 600	14 400	6 000	11 400	3 400	8 500	1 900	6 700	24.0
26.0	26.2	14.2	7 200	12 400	4 900	9 800	2 500	7 100		5 500	26.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

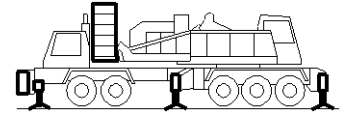
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	109 400*	↑ NOT ALLOWED ↓	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*	6.0
7.0	80.2	32.7		93 300*		93 300*	92 000	93 300*	81 200	90 600*	7.0
8.0	78.2	32.5		85 000*		85 000*	74 900	82 600*	64 500	77 700*	8.0
9.0	76.3	32.2		76 700*		76 700*	61 900	72 300*	53 200	68 000*	9.0
10.0	74.3	31.9	↑ NOT ALLOWED ↓	68 000*	↑ NOT ALLOWED ↓	68 000*	52 600	64 200*	45 000	60 300*	10.0
11.0	72.4	31.6		61 100*		61 100*	45 500	57 600*	38 900	54 100*	11.0
12.0	70.4	31.2		55 300*		55 300*	39 900	52 100*	34 000	48 900*	12.0
14.0	66.3	30.4		46 300*		46 300*	31 700	43 600*	26 800	40 000	14.0
16.0	62.1	29.4		39 600*		39 600*	26 000	37 100	21 800	32 500	16.0
18.0	57.6	28.1		34 400*		34 400*	21 700	31 300	18 100	27 200	18.0
20.0	53.0	26.7		30 300*		30 300	18 500	26 700	15 300	23 100	20.0
22.0	48.0	24.9		26 900*		26 400	15 900	23 100	13 000	19 900	22.0
24.0	42.6	22.9		24 100*		23 100	13 700	20 200	11 200	17 300	24.0
26.0	36.5	20.3		21 700*		20 400	12 000	17 800	9 600	15 100	26.0
28.0	29.3	17.0		19 700*		18 200	10 500	15 800	8 300	13 300	28.0
30.0	19.8	12.4		17 900*		16 200	9 100	14 000	7 100	11 700	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

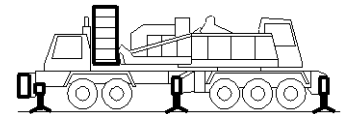
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



30.5m (100 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	109 000	109 400*	89 200	104 300*	69 300	97 000*	57 200	92 600*	5.5
6.0	82.1	32.8	91 000	100 800*	74 200	94 200*	57 500	87 600*	47 300	83 600*	6.0
7.0	80.2	32.7	68 100	84 700*	55 300	79 100*	42 500	73 500*	34 700	69 200	7.0
8.0	78.2	32.5	54 100	72 800*	43 700	68 000*	33 300	61 900	27 000	53 500	8.0
9.0	76.3	32.2	44 500	63 700*	35 800	59 400*	27 000	49 300	21 700	42 700	9.0
10.0	74.3	31.9	37 500	56 500*	30 000	50 000	22 500	40 800	17 900	35 100	10.0
11.0	72.4	31.6	32 300	50 500	25 600	42 500	19 000	34 500	15 000	29 700	11.0
12.0	70.4	31.2	28 100	43 800	22 200	36 700	16 300	29 700	12 700	25 400	12.0
14.0	66.3	30.4	22 000	34 200	17 100	28 500	12 300	22 800	9 300	19 400	14.0
16.0	62.1	29.4	17 700	27 700	13 600	22 900	9 500	18 200	7 000	15 300	16.0
18.0	57.6	28.1	14 600	23 000	11 000	18 900	7 400	14 800	5 200	12 300	18.0
20.0	53.0	26.7	12 100	19 500	8 900	15 800	5 800	12 200	3 900	10 000	20.0
22.0	48.0	24.9	10 200	16 600	7 300	13 400	4 500	10 200	2 800	8 200	22.0
24.0	42.6	22.9	8 600	14 400	6 000	11 400	3 400	8 500	1 900	6 700	24.0
26.0	36.5	20.3	7 300	12 500	4 900	9 800	2 500	7 100		5 500	26.0
28.0	29.3	17.0	6 100	10 900	4 000	8 400	1 800	6 000		4 500	28.0
30.0	19.8	12.4	5 100	9 500	3 100	7 200	1 100	5 000		3 600	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

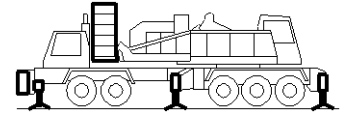
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	94 700*	↑ NOT ALLOWED ↓	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*	82 300	86 700*	7.0
8.0	79.3	35.6		79 300*		79 300*	75 100	79 300*	64 600	77 700*	8.0
9.0	77.6	35.3		72 800*		72 800*	62 000	72 100*	53 300	67 900*	9.0
10.0	75.8	35.1		67 200*		67 200*	52 600	64 100*	45 100	60 300*	10.0
11.0	74.0	34.8		61 000*		61 000*	45 500	57 500*	38 900	54 000*	11.0
12.0	72.2	34.5		55 200*		55 200*	39 900	52 000*	34 000	48 900*	12.0
14.0	68.6	33.7		46 200*		46 200*	31 700	43 500*	26 800	40 100	14.0
16.0	64.8	32.8		39 500*		39 500*	26 000	37 100	21 800	32 600	16.0
18.0	60.9	31.7		34 400*		34 400*	21 700	31 300	18 100	27 200	18.0
20.0	56.9	30.4	↑ NOT ALLOWED ↓	30 300*	↑ NOT ALLOWED ↓	30 200	18 400	26 700	15 300	23 100	20.0
22.0	52.6	29.0		26 900*		26 400	15 800	23 100	13 000	19 900	22.0
24.0	48.1	27.2		24 100*		23 100	13 700	20 200	11 200	17 300	24.0
26.0	43.2	25.2		21 700*		20 500	12 000	17 800	9 600	15 100	26.0
28.0	37.8	22.7		19 700*		18 300	10 500	15 800	8 300	13 400	28.0
30.0	31.6	19.7		17 900*		16 300	9 200	14 100	7 200	11 800	30.0
32.0	24.0	15.7		16 300*		14 600	8 100	12 600	6 200	10 500	32.0

Liftcrane Boom Capacities

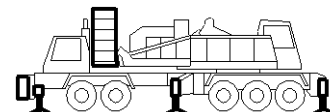
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



33.5m (110 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	88 400	94 700*	72 200	92 500*	55 900	86 000*	46 000	82 100*	6.1
7.0	81.1	35.8	68 300	85 100*	55 500	79 000*	42 700	73 400*	34 900	69 300	7.0
8.0	79.3	35.6	54 200	72 800*	43 800	67 900*	33 400	62 100	27 100	53 700	8.0
9.0	77.6	35.3	44 600	63 600*	35 800	59 400*	27 100	49 400	21 800	42 800	9.0
10.0	75.8	35.1	37 600	56 400*	30 100	50 100	22 500	40 900	18 000	35 300	10.0
11.0	74.0	34.8	32 300	50 500	25 700	42 600	19 100	34 600	15 000	29 800	11.0
12.0	72.2	34.5	28 100	43 900	22 200	36 800	16 300	29 800	12 700	25 500	12.0
14.0	68.6	33.7	22 000	34 300	17 200	28 600	12 300	22 900	9 300	19 400	14.0
16.0	64.8	32.8	17 700	27 700	13 600	23 000	9 500	18 200	7 000	15 300	16.0
18.0	60.9	31.7	14 600	23 100	11 000	18 900	7 400	14 800	5 200	12 300	18.0
20.0	56.9	30.4	12 100	19 500	8 900	15 800	5 800	12 200	3 900	10 000	20.0
22.0	52.6	29.0	10 200	16 700	7 300	13 400	4 500	10 200	2 800	8 200	22.0
24.0	48.1	27.2	8 600	14 400	6 000	11 500	3 400	8 500	1 900	6 800	24.0
26.0	43.2	25.2	7 300	12 500	4 900	9 900	2 600	7 200		5 600	26.0
28.0	37.8	22.7	6 200	10 900	4 000	8 500	1 800	6 000		4 600	28.0
30.0	31.6	19.7	5 200	9 600	3 200	7 300	1 200	5 000		3 700	30.0
32.0	24.0	15.7	4 300	8 400	2 400	6 300		4 200		2 900	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

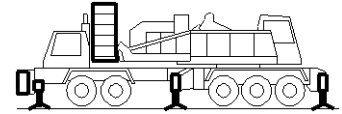
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



**36.6m (120 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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*	6.7
7.0	81.8	38.9		83 600*		83 600*	83 600*	83 600*	80 900	83 600*	7.0
8.0	80.2	38.7		76 100*		76 100*	75 500	76 100*	64 800	76 100*	8.0
9.0	78.6	38.5		69 700*		69 700*	62 200	69 700*	53 400	68 200*	9.0
10.0	77.0	38.2		64 200*		64 200*	52 800	64 000*	45 300	60 300*	10.0
11.0	75.4	38.0	N O T	59 400*	N O T	59 400*	45 700	57 600*	39 000	54 100*	11.0
12.0	73.8	37.7		55 100*		55 100*	40 100	52 100*	34 100	48 900*	12.0
14.0	70.5	37.0		46 300*		46 300*	31 800	43 600*	27 000	40 300	14.0
16.0	67.1	36.2		39 600*		39 600*	26 100	37 100	21 900	32 700	16.0
18.0	63.6	35.2		34 400*		34 400*	21 800	31 500	18 300	27 300	18.0
20.0	60.0	34.1	A L L O W E D	30 400*	A L L O W E D	30 300	18 600	26 900	15 400	23 200	20.0
22.0	56.2	32.8		27 000*		26 500	16 000	23 200	13 100	20 000	22.0
24.0	52.3	31.3		24 200*		23 300	13 900	20 400	11 300	17 400	24.0
26.0	48.2	29.5		21 800*		20 600	12 100	17 900	9 800	15 300	26.0
28.0	43.7	27.5		19 800*		18 400	10 600	16 000	8 500	13 500	28.0
30.0	38.9	25.1	↓	18 000*	↓	16 500	9 400	14 200	7 400	12 000	30.0
32.0	33.4	22.3		16 500*		14 900	8 300	12 700	6 400	10 700	32.0
34.0	27.0	18.7		15 100*		13 400	7 300	11 500	5 500	9 500	34.0
36.0	18.4	13.6		13 800*		12 100	6 400	10 300	4 700	8 400	36.0

Liftcrane Boom Capacities

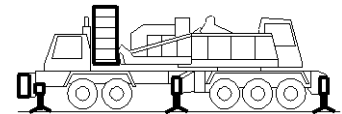
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



36.6m (120 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	74 100	86 000*	60 400	83 100*	46 600	77 200*	38 200	73 700*	6.7
7.0	81.8	38.9	69 000	83 400*	56 100	79 300*	43 200	73 700*	35 300	69 400	7.0
8.0	80.2	38.7	54 400	72 800*	44 000	68 000*	33 600	62 300	27 300	54 000	8.0
9.0	78.6	38.5	44 700	63 700*	36 000	59 400*	27 300	49 600	22 000	43 000	9.0
10.0	77.0	38.2	37 700	56 500*	30 200	50 300	22 700	41 100	18 100	35 400	10.0
11.0	75.4	38.0	32 400	50 600	25 800	42 800	19 200	34 800	15 200	29 900	11.0
12.0	73.8	37.7	28 300	44 000	22 400	37 000	16 400	30 000	12 800	25 600	12.0
14.0	70.5	37.0	22 100	34 400	17 300	28 700	12 400	23 000	9 500	19 600	14.0
16.0	67.1	36.2	17 800	27 900	13 700	23 100	9 600	18 300	7 100	15 400	16.0
18.0	63.6	35.2	14 700	23 200	11 100	19 100	7 500	15 000	5 300	12 400	18.0
20.0	60.0	34.1	12 300	19 600	9 100	16 000	5 900	12 400	4 000	10 100	20.0
22.0	56.2	32.8	10 300	16 800	7 500	13 600	4 600	10 300	2 900	8 400	22.0
24.0	52.3	31.3	8 700	14 500	6 200	11 600	3 600	8 700	2 000	6 900	24.0
26.0	48.2	29.5	7 400	12 700	5 100	10 000	2 700	7 300		5 700	26.0
28.0	43.7	27.5	6 300	11 100	4 100	8 700	2 000	6 200		4 700	28.0
30.0	38.9	25.1	5 300	9 700	3 400	7 500	1 300	5 200		3 800	30.0
32.0	33.4	22.3	4 500	8 600	2 600	6 500		4 400		3 100	32.0
34.0	27.0	18.7	3 800	7 500	2 000	5 500		3 600		2 400	34.0
36.0	18.4	13.6	3 100	6 600	1 400	4 700		2 900		1 800	36.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

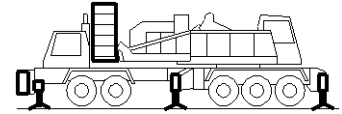
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



39.6m (130 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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*	6.7
7.0	82.5	42.0		78 700*		78 700*	78 700*	78 700*	78 200	78 700*	7.0
8.0	81.0	41.8		72 300*		72 300*	72 200	72 300*	64 800	72 300*	8.0
9.0	79.5	41.6		66 800*		66 800*	62 500	66 800*	53 400	66 800*	9.0
10.0	78.0	41.4		61 900*		61 900*	52 700	61 900*	45 200	60 200*	10.0
11.0	76.5	41.1	NOT ALLOWED	57 300*	NOT ALLOWED	57 300*	45 600	57 300*	39 000	54 000*	11.0
12.0	75.1	40.9		53 100*		53 100*	40 000	52 000*	34 100	48 800*	12.0
14.0	72.0	40.2		46 000*		46 000*	31 700	43 400*	26 900	40 200	14.0
16.0	68.9	39.5		39 500*		39 500*	26 000	37 000	21 900	32 600	16.0
18.0	65.8	38.6		34 300*		34 300*	21 700	31 500	18 200	27 200	18.0
20.0	62.5	37.6	↓	30 200*	↓	30 200	18 500	26 800	15 300	23 100	20.0
22.0	59.2	36.4		26 800*		26 400	15 900	23 200	13 000	19 900	22.0
24.0	55.7	35.1		24 000*		23 200	13 700	20 300	11 200	17 400	24.0
26.0	52.1	33.6		21 700*		20 500	12 000	17 900	9 600	15 200	26.0
28.0	48.3	31.8		19 600*		18 300	10 500	15 900	8 400	13 400	28.0
30.0	44.2	29.9	↓	17 800*	↓	16 400	9 200	14 200	7 200	11 900	30.0
32.0	39.8	27.5		16 300*		14 800	8 200	12 700	6 300	10 600	32.0
34.0	34.9	24.8		15 000*		13 300	7 200	11 400	5 400	9 400	34.0
36.0	29.2	21.5		13 700*		12 100	6 300	10 200	4 700	8 400	36.0
38.0	22.3	17.1		12 600*		10 900	5 500	9 200	4 000	7 500	38.0

Liftcrane Boom Capacities

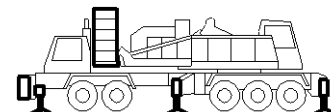
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



39.6m (130 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		0 kg Crane Counterweight		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	74 200	80 700*	60 500	80 700*	46 700	77 100*	38 300	73 500*	6.7
7.0	82.5	42.0	69 100	78 700*	56 200	78 000*	43 300	73 600*	35 500	69 400	7.0
8.0	81.0	41.8	54 400	72 200*	44 100	67 800*	33 700	62 500	27 400	54 100	8.0
9.0	79.5	41.6	44 700	63 600*	36 000	59 300*	27 300	49 700	22 000	43 100	9.0
10.0	78.0	41.4	37 700	56 300*	30 200	50 400	22 600	41 100	18 100	35 500	10.0
11.0	76.5	41.1	32 400	50 400	25 800	42 800	19 100	34 800	15 100	29 900	11.0
12.0	75.1	40.9	28 200	44 000	22 300	37 000	16 400	30 000	12 800	25 600	12.0
14.0	72.0	40.2	22 100	34 400	17 200	28 700	12 300	23 000	9 400	19 500	14.0
16.0	68.9	39.5	17 700	27 800	13 600	23 000	9 500	18 300	7 000	15 300	16.0
18.0	65.8	38.6	14 600	23 100	11 000	19 000	7 400	14 900	5 200	12 400	18.0
20.0	62.5	37.6	12 100	19 500	9 000	15 900	5 800	12 300	3 900	10 100	20.0
22.0	59.2	36.4	10 200	16 700	7 300	13 500	4 500	10 200	2 800	8 300	22.0
24.0	55.7	35.1	8 600	14 400	6 000	11 500	3 500	8 600	1 900	6 800	24.0
26.0	52.1	33.6	7 300	12 600	4 900	9 900	2 600	7 200		5 600	26.0
28.0	48.3	31.8	6 200	11 000	4 000	8 500	1 800	6 100		4 600	28.0
30.0	44.2	29.9	5 200	9 600	3 200	7 400	1 200	5 100		3 700	30.0
32.0	39.8	27.5	4 400	8 500	2 500	6 400		4 300		3 000	32.0
34.0	34.9	24.8	3 700	7 500	1 900	5 500		3 500		2 300	34.0
36.0	29.2	21.5	3 000	6 600	1 400	4 700		2 900		1 800	36.0
38.0	22.3	17.1	2 400	5 700	900	4 000		2 300		1 200	38.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

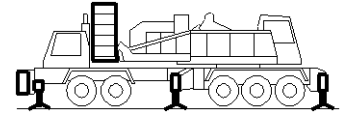
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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*	7.3
8.0	81.6	44.9		69 100*		69 100*	69 100*	69 100*	65 000	69 100*	8.0
9.0	80.3	44.7		63 600*		63 600*	62 100	63 600*	53 400	63 600*	9.0
10.0	78.9	44.5		58 800*		58 800*	52 700	58 800*	45 200	58 800*	10.0
11.0	77.5	44.3		54 500*		54 500*	45 600	54 500*	38 900	53 800*	11.0
12.0	76.1	44.0	NOT ALLOWED	50 500*	NOT ALLOWED	50 500*	39 900	50 500*	34 000	48 700*	12.0
14.0	73.3	43.4		43 700*		43 700*	31 700	43 400*	26 800	40 200	14.0
16.0	70.5	42.7		38 200*		38 200*	25 900	36 900	21 800	32 600	16.0
18.0	67.6	41.9		33 700*		33 700*	21 600	31 400	18 000	27 200	18.0
20.0	64.7	41.0		30 000*		29 900	18 400	26 700	15 200	23 100	20.0
22.0	61.6	40.0		26 700*		26 400	15 800	23 100	12 900	19 900	22.0
24.0	58.5	38.8		23 900*		23 100	13 700	20 200	11 100	17 300	24.0
26.0	55.2	37.4		21 500*		20 400	11 900	17 800	9 500	15 100	26.0
28.0	51.9	35.9		19 500*		18 200	10 400	15 800	8 300	13 300	28.0
30.0	48.3	34.1		17 800*		16 300	9 200	14 100	7 100	11 800	30.0
32.0	44.5	32.2	↓	16 100*	↓	14 700	8 000	12 600	6 200	10 500	32.0
34.0	40.5	29.9		14 700*		13 200	7 100	11 300	5 300	9 400	34.0
36.0	36.1	27.3		13 400*		12 000	6 200	10 200	4 600	8 300	36.0
38.0	31.1	24.1		12 200*		10 900	5 500	9 200	3 900	7 400	38.0
40.0	25.2	20.2		11 100*		9 900	4 800	8 200	3 300	6 600	40.0
42.0	17.4	14.8		10 200*		9 000	4 100	7 400	2 700	5 900	42.0

Liftcrane Boom Capacities

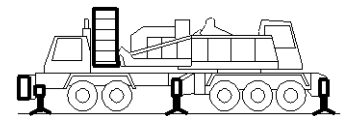
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



42.7m (140 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		4 720 kg Crane Counterweight		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	63 600	72 800*	51 600	72 800*	39 700	69 700*	7.3
8.0	81.6	44.9	54 400	69 100*	44 100	67 800*	33 700	62 600	8.0
9.0	80.3	44.7	44 700	63 200*	36 000	59 100*	27 300	49 800	9.0
10.0	78.9	44.5	37 700	56 200*	30 100	50 500	22 600	41 100	10.0
11.0	77.5	44.3	32 300	50 300	25 700	42 800	19 100	34 800	11.0
12.0	76.1	44.0	28 100	44 000	22 200	37 000	16 300	29 900	12.0
14.0	73.3	43.4	22 000	34 300	17 100	28 700	12 200	23 000	14.0
16.0	70.5	42.7	17 700	27 800	13 500	23 000	9 400	18 200	16.0
18.0	67.6	41.9	14 500	23 000	10 900	18 900	7 300	14 800	18.0
20.0	64.7	41.0	12 000	19 400	8 900	15 800	5 700	12 200	20.0
22.0	61.6	40.0	10 100	16 600	7 300	13 400	4 400	10 200	22.0
24.0	58.5	38.8	8 500	14 400	5 900	11 400	3 400	8 500	24.0
26.0	55.2	37.4	7 200	12 500	4 800	9 800	2 500	7 200	26.0
28.0	51.9	35.9	6 100	10 900	3 900	8 400	1 700	6 000	28.0
30.0	48.3	34.1	5 100	9 500	3 100	7 300	1 100	5 000	30.0
32.0	44.5	32.2	4 300	8 400	2 400	6 300		4 200	32.0
34.0	40.5	29.9	3 600	7 400	1 800	5 400		3 500	34.0
36.0	36.1	27.3	2 900	6 500	1 300	4 600		2 800	36.0
38.0	31.1	24.1	2 300	5 700		3 900		2 200	38.0
40.0	25.2	20.2	1 800	4 900		3 300		1 700	40.0
42.0	17.4	14.8	1 300	4 300		2 700		1 200	42.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

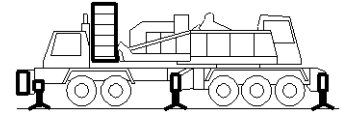
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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*	65 900	73 000*	7.9
8.0	82.2	48.0		72 700*		72 700*	72 400	72 700*	65 000	72 700*	8.0
9.0	80.9	47.8		67 900*		67 900*	62 400	67 900*	53 400	67 300*	9.0
10.0	79.7	47.6		61 400*		61 400*	52 600	61 400*	45 100	59 800*	10.0
11.0	78.4	47.4		56 000*		56 000*	45 500	56 000*	38 900	53 500*	11.0
12.0	77.1	47.2	NOT ALLOWED	51 500*	NOT ALLOWED	51 500*	39 800	51 400*	33 900	48 400*	12.0
14.0	74.5	46.6		44 500*		44 500*	31 500	43 000*	26 600	40 100	14.0
16.0	71.9	46.0		39 000*		39 000*	25 700	36 600*	21 600	32 400	16.0
18.0	69.2	45.2		33 900*		33 900*	21 400	31 200	17 800	27 000	18.0
20.0	66.5	44.4		29 800*		29 800	18 100	26 500	14 900	22 900	20.0
22.0	63.7	43.4		26 400*		26 200	15 500	22 900	12 700	19 600	22.0
24.0	60.8	42.3		23 600*		22 900	13 400	19 900	10 800	17 000	24.0
26.0	57.9	41.1		21 200*		20 200	11 600	17 500	9 300	14 900	26.0
28.0	54.8	39.7		19 200*		17 900	10 100	15 500	8 000	13 100	28.0
30.0	51.7	38.2		17 400*		16 100	8 900	13 800	6 900	11 500	30.0
32.0	48.4	36.4	↓	15 900*	↓	14 400	7 800	12 300	5 900	10 200	32.0
34.0	44.8	34.5		14 500*		13 000	6 800	11 000	5 100	9 100	34.0
36.0	41.1	32.3		13 300*		11 800	5 900	9 900	4 300	8 100	36.0
38.0	37.1	29.7		12 200*		10 600	5 200	8 900	3 700	7 200	38.0
40.0	32.6	26.7		11 300*		9 600	4 500	8 000	3 000	6 300	40.0
42.0	27.4	23.1		10 400*		8 700	3 900	7 200	2 500	5 600	42.0
44.0	21.1	18.5		9 600*		7 900	3 300	6 400	2 000	5 000	44.0

Liftcrane Boom Capacities

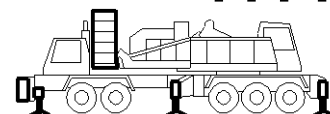
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



45.7m (150 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		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	55 400	73 000*	44 900	68 200*	7.9
8.0	82.2	48.0	54 600	72 300*	44 200	67 500*	8.0
9.0	80.9	47.8	44 700	63 200*	36 000	58 900*	9.0
10.0	79.7	47.6	37 600	55 900*	30 100	50 500	10.0
11.0	78.4	47.4	32 200	50 000	25 600	42 700	11.0
12.0	77.1	47.2	28 000	44 000	22 100	36 900	12.0
14.0	74.5	46.6	21 800	34 200	16 900	28 500	14.0
16.0	71.9	46.0	17 500	27 600	13 300	22 800	16.0
18.0	69.2	45.2	14 300	22 800	10 700	18 700	18.0
20.0	66.5	44.4	11 800	19 200	8 600	15 600	20.0
22.0	63.7	43.4	9 800	16 400	7 000	13 200	22.0
24.0	60.8	42.3	8 200	14 100	5 700	11 200	24.0
26.0	57.9	41.1	6 900	12 200	4 600	9 500	26.0
28.0	54.8	39.7	5 800	10 600	3 600	8 200	28.0
30.0	51.7	38.2	4 900	9 300	2 900	7 000	30.0
32.0	48.4	36.4	4 000	8 100	2 200	6 000	32.0
34.0	44.8	34.5	3 300	7 100	1 500	5 100	34.0
36.0	41.1	32.3	2 700	6 200	1 000	4 400	36.0
38.0	37.1	29.7	2 100	5 400		3 700	38.0
40.0	32.6	26.7	1 600	4 700		3 100	40.0
42.0	27.4	23.1	1 100	4 100		2 500	42.0
44.0	21.1	18.5		3 500		2 000	44.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

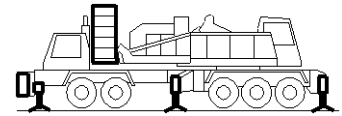
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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*	65 900	70 700*	7.9
8.0	82.7	51.0		70 400*		70 400*	70 300	70 400*	64 900	70 400*	8.0
9.0	81.5	50.9		66 300*		66 300*	62 600	66 300*	53 300	66 300*	9.0
10.0	80.3	50.7		60 100*		60 100*	52 600	60 100*	45 000	59 700*	10.0
11.0	79.1	50.5		54 700*		54 700*	45 400	54 700*	38 800	53 400*	11.0
12.0	77.9	50.3	NOT ALLOWED	50 300*	NOT ALLOWED	50 300*	39 700	50 300*	33 800	48 200*	12.0
14.0	75.5	49.8		43 400*		43 400*	31 400	42 900*	26 500	40 000	14.0
16.0	73.0	49.2		38 300*		38 300*	25 600	36 500*	21 500	32 300	16.0
18.0	70.6	48.5		33 700*		33 700*	21 300	31 100	17 700	26 900	18.0
20.0	68.0	47.7		29 600*		29 600	18 000	26 400	14 800	22 700	20.0
22.0	65.4	46.8	NOT ALLOWED	26 200*	NOT ALLOWED	26 000	15 400	22 700	12 500	19 500	22.0
24.0	62.8	45.8		23 400*		22 700	13 200	19 800	10 700	16 900	24.0
26.0	60.1	44.7		21 100*		20 100	11 500	17 400	9 100	14 700	26.0
28.0	57.3	43.4		19 000*		17 800	10 000	15 400	7 900	12 900	28.0
30.0	54.5	42.0		17 300*		15 900	8 800	13 700	6 700	11 400	30.0
32.0	51.5	40.5	NOT ALLOWED	15 700*	NOT ALLOWED	14 300	7 600	12 200	5 800	10 100	32.0
34.0	48.4	38.7		14 400*		12 900	6 700	10 900	4 900	8 900	34.0
36.0	45.1	36.8		13 200*		11 600	5 800	9 800	4 200	7 900	36.0
38.0	41.6	34.6		12 100*		10 500	5 100	8 800	3 500	7 000	38.0
40.0	37.9	32.1		11 200*		9 500	4 400	7 900	2 900	6 200	40.0
42.0	33.8	29.3	NOT ALLOWED	10 200*	NOT ALLOWED	8 600	3 800	7 100	2 400	5 500	42.0
44.0	29.2	25.9		9 500*		7 800	3 200	6 300	1 900	4 900	44.0
46.0	23.8	21.7		8 700*		7 100	2 700	5 700	1 400	4 300	46.0
48.0	16.7	16.0		7 800*		6 400	2 200	5 000		3 700	48.0

Liftcrane Boom Capacities

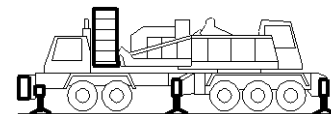
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



48.8m (160 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight		12 430 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
7.9	82.8	51.0	55 300	70 700*	44 800	68 000*	7.9
8.0	82.7	51.0	54 500	70 200*	44 100	67 300*	8.0
9.0	81.5	50.9	44 600	63 200*	35 900	58 700*	9.0
10.0	80.3	50.7	37 500	55 800*	30 000	50 500	10.0
11.0	79.1	50.5	32 100	49 900	25 500	42 700	11.0
12.0	77.9	50.3	27 900	43 900	22 000	36 800	12.0
14.0	75.5	49.8	21 700	34 100	16 800	28 400	14.0
16.0	73.0	49.2	17 300	27 500	13 200	22 700	16.0
18.0	70.6	48.5	14 100	22 700	10 500	18 600	18.0
20.0	68.0	47.7	11 700	19 100	8 500	15 500	20.0
22.0	65.4	46.8	9 700	16 300	6 900	13 000	22.0
24.0	62.8	45.8	8 100	14 000	5 500	11 000	24.0
26.0	60.1	44.7	6 800	12 100	4 400	9 500	26.0
28.0	57.3	43.4	5 700	10 500	3 500	8 100	28.0
30.0	54.5	42.0	4 700	9 200	2 700	6 900	30.0
32.0	51.5	40.5	3 900	8 000	2 000	5 900	32.0
34.0	48.4	38.7	3 200	7 000	1 400	5 000	34.0
36.0	45.1	36.8	2 500	6 100		4 300	36.0
38.0	41.6	34.6	2 000	5 300		3 600	38.0
40.0	37.9	32.1	1 400	4 600		3 000	40.0
42.0	33.8	29.3		4 000		2 400	42.0
44.0	29.2	25.9		3 400		1 900	44.0
46.0	23.8	21.7		2 800		1 400	46.0
48.0	16.7	16.0		2 300			48.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

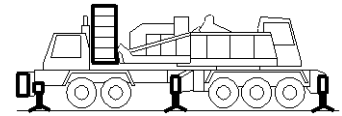
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	66 900*	↑ NOT ALLOWED ↓	66 900*	66 900*	66 900*	58 200	66 900*	8.5
9.0	82.0	54.0		65 100*		65 100*	62 000	65 100*	53 400	65 100*	9.0
10.0	80.9	53.8		58 900*		58 900*	52 500	58 900*	45 000	58 900*	10.0
11.0	79.8	53.6		53 600*		53 600*	45 400	53 600*	38 700	53 400*	11.0
12.0	78.6	53.4		49 200*		49 200*	39 700	49 200*	33 800	48 200*	12.0
14.0	76.4	53.0		42 400*		42 400*	31 400	42 300*	26 500	40 000	14.0
16.0	74.1	52.4		37 300*		37 300*	25 600	36 500*	21 400	32 300	16.0
18.0	71.7	51.7		33 300*		33 300*	21 300	31 000	17 700	26 900	18.0
20.0	69.4	51.0		29 500*		29 500	18 000	26 400	14 800	22 700	20.0
22.0	67.0	50.2		26 200*		26 000	15 400	22 700	12 500	19 500	22.0
24.0	64.5	49.2		23 400*		22 700	13 200	19 800	10 700	16 900	24.0
26.0	62.1	48.2		21 000*		20 100	11 500	17 400	9 100	14 700	26.0
28.0	59.5	47.0		19 000*		17 800	10 000	15 400	7 800	12 900	28.0
30.0	56.9	45.8		17 300*		15 900	8 700	13 700	6 700	11 400	30.0
32.0	54.2	44.3		15 700*		14 300	7 600	12 200	5 800	10 100	32.0
34.0	51.4	42.8		14 400*		12 900	6 700	10 900	4 900	8 900	34.0
36.0	48.4	41.0		13 200*		11 600	5 800	9 800	4 200	7 900	36.0
38.0	45.4	39.1		12 100*		10 500	5 100	8 800	3 500	7 000	38.0
40.0	42.1	37.0		11 100*		9 500	4 400	7 900	2 900	6 200	40.0
42.0	38.6	34.5		10 200*		8 600	3 800	7 100	2 400	5 500	42.0
44.0	34.9	31.8		9 500*		7 800	3 200	6 400	1 900	4 900	44.0
46.0	30.7	28.6		8 700*		7 100	2 700	5 700	1 400	4 300	46.0
48.0	25.9	24.7		8 000*		6 400	2 200	5 100	1 000	3 700	48.0
50.0	20.0	19.8		7 400*		5 800	1 800	4 500		3 200	50.0

Liftcrane Boom Capacities

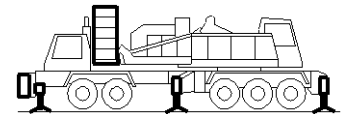
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



51.8m (170 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
8.5	82.5	54.0	48 800	66 900*
9.0	82.0	54.0	44 700	63 000*
10.0	80.9	53.8	37 500	55 700*
11.0	79.8	53.6	32 100	49 900
12.0	78.6	53.4	27 900	43 900
14.0	76.4	53.0	21 600	34 100
16.0	74.1	52.4	17 300	27 500
18.0	71.7	51.7	14 100	22 700
20.0	69.4	51.0	11 600	19 100
22.0	67.0	50.2	9 700	16 300
24.0	64.5	49.2	8 100	14 000
26.0	62.1	48.2	6 800	12 100
28.0	59.5	47.0	5 600	10 500
30.0	56.9	45.8	4 700	9 100
32.0	54.2	44.3	3 900	8 000
34.0	51.4	42.8	3 100	7 000
36.0	48.4	41.0	2 500	6 100
38.0	45.4	39.1	2 000	5 300
40.0	42.1	37.0	1 400	4 600
42.0	38.6	34.5	1 000	4 000
44.0	34.9	31.8		3 400
46.0	30.7	28.6		2 900
48.0	25.9	24.7		2 400
50.0	20.0	19.8		1 900

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

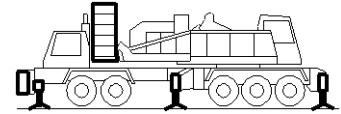
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially 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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED	60 500*	↑ NOT ALLOWED	60 500*	60 500*	60 500*	58 200	60 500*	8.5
9.0	82.5	57.1		58 900*		58 900*	58 900*	58 900*	53 400	58 900*	9.0
10.0	81.4	56.9		55 900*		55 900*	52 700	55 900*	45 000	55 900*	10.0
11.0	80.3	56.7		52 300*		52 300*	45 300	52 300*	38 700	52 300*	11.0
12.0	79.3	56.5		48 000*		48 000*	39 600	48 000*	33 700	47 900*	12.0
14.0	77.1	56.1		41 200*		41 200*	31 200	41 200*	26 400	39 800	14.0
16.0	75.0	55.6		36 200*		36 200*	25 400	36 100*	21 300	32 200	16.0
18.0	72.8	55.0		32 300*		32 300*	21 100	30 900	17 600	26 700	18.0
20.0	70.6	54.3		29 100*		29 100*	17 800	26 200	14 700	22 600	20.0
22.0	68.3	53.5		26 000*		25 900	15 200	22 600	12 300	19 300	22.0
24.0	66.1	52.6	↓ NOT ALLOWED	23 200*	↓ NOT ALLOWED	22 600	13 100	19 600	10 500	16 700	24.0
26.0	63.7	51.6		20 900*		19 900	11 300	17 200	9 000	14 600	26.0
28.0	61.4	50.6		18 800*		17 700	9 800	15 200	7 700	12 800	28.0
30.0	58.9	49.4		17 100*		15 800	8 500	13 500	6 500	11 300	30.0
32.0	56.5	48.1		15 600*		14 100	7 400	12 000	5 600	9 900	32.0
34.0	53.9	46.7		14 200*		12 700	6 500	10 700	4 800	8 800	34.0
36.0	51.2	45.1		13 000*		11 400	5 600	9 600	4 000	7 800	36.0
38.0	48.5	43.3		11 900*		10 300	4 900	8 600	3 300	6 900	38.0
40.0	45.6	41.4		10 900*		9 300	4 200	7 700	2 700	6 100	40.0
42.0	42.5	39.3		10 100*		8 500	3 600	6 900	2 200	5 400	42.0
44.0	39.3	36.9		9 300*		7 600	3 000	6 200	1 700	4 700	44.0
46.0	35.8	34.2		8 500*		6 900	2 600	5 500	1 300	4 100	46.0
48.0	32.0	31.2		7 900*		6 200	2 100	4 900		3 600	48.0
50.0	27.7	27.6		7 200*		5 600	1 600	4 300		3 100	50.0
52.0	22.6	23.2		6 600*		5 100	1 200	3 800		2 600	52.0
54.0	16.0	17.2		5 700*		4 500		3 300		2 200	54.0

Liftcrane Boom Capacities

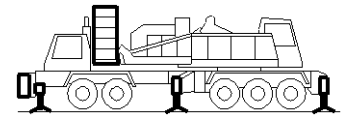
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



54.9m (180 Ft.)



Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	20 140 kg Crane Counterweight	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
8.5	82.9	57.1	48 800	60 500*
9.0	82.5	57.1	44 700	58 900*
10.0	81.4	56.9	37 500	55 400*
11.0	80.3	56.7	32 000	49 700
12.0	79.3	56.5	27 800	43 900
14.0	77.1	56.1	21 500	34 000
16.0	75.0	55.6	17 200	27 400
18.0	72.8	55.0	14 000	22 600
20.0	70.6	54.3	11 500	19 000
22.0	68.3	53.5	9 500	16 100
24.0	66.1	52.6	7 900	13 800
26.0	63.7	51.6	6 600	11 900
28.0	61.4	50.6	5 500	10 300
30.0	58.9	49.4	4 500	9 000
32.0	56.5	48.1	3 700	7 800
34.0	53.9	46.7	3 000	6 800
36.0	51.2	45.1	2 300	5 900
38.0	48.5	43.3	1 800	5 200
40.0	45.6	41.4	1 300	4 400
42.0	42.5	39.3		3 800
44.0	39.3	36.9		3 200
46.0	35.8	34.2		2 700
48.0	32.0	31.2		2 200
50.0	27.7	27.6		1 800
52.0	22.6	23.2		1 400

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

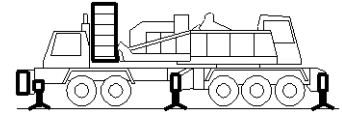
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



57.9m (190 Ft.)

Boom

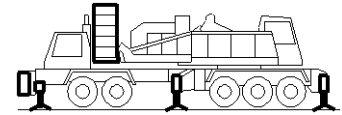


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity 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	↑ NOT ALLOWED ↓	54 900*	↑ NOT ALLOWED ↓	54 900*	54 900*	54 900*	51 900	54 900*	9.1
10.0	81.9	60.0		52 200*		52 200*	51 800	52 200*	44 900	52 200*	10.0
11.0	80.9	59.8		49 400*		49 400*	45 200	49 400*	38 600	49 400*	11.0
12.0	79.8	59.6		46 600*		46 600*	39 500	46 600*	33 600	46 600*	12.0
14.0	77.8	59.2		40 100*		40 100*	31 100	40 100*	26 300	39 700	14.0
16.0	75.8	58.7		35 200*		35 200*	25 300	35 200*	21 200	32 100	16.0
18.0	73.7	58.2		31 300*		31 300*	21 000	30 700	17 400	26 600	18.0
20.0	71.6	57.5		28 200*		28 200*	17 700	26 100	14 500	22 500	20.0
22.0	69.5	56.8		25 600*		25 500	15 100	22 500	12 200	19 200	22.0
24.0	67.4	56.0		23 100*		22 500	12 900	19 500	10 300	16 600	24.0
26.0	65.2	55.0	↑ NOT ALLOWED ↓	20 700*	↑ NOT ALLOWED ↓	19 700	11 200	17 100	8 800	14 400	26.0
28.0	63.0	54.0		18 600*		17 500	9 700	15 100	7 500	12 600	28.0
30.0	60.8	52.9		16 900*		15 600	8 400	13 300	6 400	11 100	30.0
32.0	58.4	51.7		15 400*		14 000	7 300	11 900	5 400	9 800	32.0
34.0	56.1	50.4		14 000*		12 600	6 300	10 600	4 600	8 600	34.0
36.0	53.6	49.0		12 800*		11 300	5 500	9 500	3 800	7 600	36.0
38.0	51.1	47.4		11 700*		10 200	4 700	8 400	3 200	6 700	38.0
40.0	48.5	45.6		10 800*		9 200	4 000	7 500	2 600	5 900	40.0
42.0	45.8	43.7		9 900*		8 300	3 400	6 700	2 000	5 200	42.0
44.0	42.9	41.6		9 100*		7 500	2 900	6 000	1 500	4 600	44.0
46.0	39.8	39.3	↑ NOT ALLOWED ↓	8 400*	↑ NOT ALLOWED ↓	6 800	2 400	5 400	1 100	4 000	46.0
48.0	36.6	36.7		7 700*		6 100	1 900	4 800		3 400	48.0
50.0	33.1	33.7		7 100*		5 500	1 500	4 200		2 900	50.0
52.0	29.2	30.3		6 400*		4 900	1 100	3 700		2 400	52.0
54.0	24.7	26.3		5 700*		4 400		3 200		2 000	54.0
56.0	19.2	21.1		5 000*		3 900		2 800		1 600	56.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
With or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



**61.0m (200 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		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	↑ NOT ALLOWED ↓	48 000*	↑ NOT ALLOWED ↓	48 000*	48 000*	48 000*	46 700	48 000*	9.8
10.0	82.3	63.1		47 300*		47 300*	47 300*	47 300*	45 000	47 300*	10.0
11.0	81.3	62.9		44 800*		44 800*	44 700	44 800*	38 500	44 800*	11.0
12.0	80.4	62.7		42 400*		42 400*	39 500	42 400*	33 500	42 400*	12.0
14.0	78.4	62.3		38 100*		38 100*	31 000	38 100*	26 100	38 000	14.0
16.0	76.5	61.9		34 100*		34 100*	25 100	34 100*	21 000	32 200	16.0
18.0	74.6	61.3		30 500*		30 500*	20 800	30 400	17 200	26 500	18.0
20.0	72.6	60.7		27 400*		27 400*	17 500	26 000	14 400	22 300	20.0
22.0	70.6	60.0		24 600*		24 600*	14 900	22 300	12 000	19 000	22.0
24.0	68.6	59.2		22 200*		22 200	12 700	19 400	10 200	16 400	24.0
26.0	66.6	58.4	↑ NOT ALLOWED ↓	20 100*	↑ NOT ALLOWED ↓	19 600	11 000	16 900	8 600	14 300	26.0
28.0	64.5	57.5		18 100*		17 400	9 500	14 900	7 300	12 400	28.0
30.0	62.4	56.4		16 400*		15 400	8 200	13 200	6 200	10 900	30.0
32.0	60.2	55.3		14 800*		13 800	7 100	11 700	5 200	9 600	32.0
34.0	58.0	54.1		13 400*		12 400	6 100	10 400	4 400	8 400	34.0
36.0	55.7	52.7		12 100*		11 100	5 300	9 300	3 600	7 400	36.0
38.0	53.4	51.3		10 900*		10 000	4 500	8 300	3 000	6 500	38.0
40.0	51.0	49.7		9 800*		9 000	3 900	7 400	2 400	5 700	40.0
42.0	48.5	47.9		8 700*		8 100	3 200	6 600	1 900	5 000	42.0
44.0	45.9	46.0		7 800*		7 300	2 700	5 800	1 400	4 400	44.0
46.0	43.2	44.0	↑ NOT ALLOWED ↓	6 900*	↑ NOT ALLOWED ↓	6 600	2 200	5 200		3 800	46.0
48.0	40.4	41.7		6 100*		5 900	1 700	4 600		3 200	48.0
50.0	37.3	39.1		5 300*		5 300	1 300	4 000		2 700	50.0
52.0	34.0	36.3		4 600*		4 600*		3 500		2 300	52.0
54.0	30.4	33.0		4 000*		4 000*		3 000		1 900	54.0
56.0	26.4	29.2		3 300*		3 300*		2 600		1 500	56.0
58.0	21.6	24.6		2 700*		2 700*		2 200			58.0
60.0	15.5	18.4		2 200*		2 200*		1 800			60.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

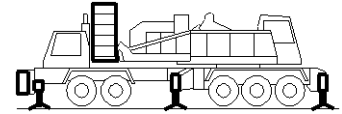
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

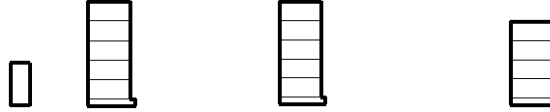
Meets
ANSI B30.5
Requirements

777T



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.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		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*	10.4
11.0	81.7	66.0		46 700*		46 700*	45 000	46 700*	11.0
12.0	80.8	65.8		44 600*		44 600*	39 300	44 600*	12.0
14.0	79.0	65.5		38 800*		38 800*	30 900	38 800*	14.0
16.0	77.2	65.0		33 900*		33 900*	25 000	33 900*	16.0
18.0	75.3	64.5		30 100*		30 100*	20 700	30 100*	18.0
20.0	73.5	63.9		27 100*		27 100*	17 400	25 800	20.0
22.0	71.6	63.3		24 500*		24 500*	14 700	22 200	22.0
24.0	69.7	62.5		22 300*		22 100	12 600	19 200	24.0
26.0	67.7	61.7		20 300*		19 500	10 900	16 800	26.0
28.0	65.8	60.8	↓	18 300*	↓	17 200	9 300	14 800	28.0
30.0	63.8	59.9		16 500*		15 300	8 100	13 100	30.0
32.0	61.8	58.8		15 000*		13 700	7 000	11 600	32.0
34.0	59.7	57.7		13 700*		12 200	6 000	10 300	34.0
36.0	57.6	56.4		12 500*		11 000	5 200	9 100	36.0
38.0	55.4	55.0		11 400*		9 900	4 400	8 200	38.0
40.0	53.2	53.6		10 400*		8 900	3 700	7 300	40.0
42.0	50.9	52.0		9 600*		8 000	3 100	6 500	42.0
44.0	48.5	50.2		8 800*		7 200	2 600	5 700	44.0
46.0	46.1	48.3		8 100*		6 500	2 100	5 100	46.0
48.0	43.5	46.3		7 300*		5 800	1 600	4 500	48.0
50.0	40.8	44.0		6 700*		5 200	1 200	3 900	50.0
52.0	37.9	41.5		6 000*		4 700		3 400	52.0
54.0	34.9	38.8		5 400*		4 100		2 900	54.0
56.0	31.5	35.6		4 900*		3 600		2 500	56.0
58.0	27.9	32.0		4 400*		3 200		2 100	58.0
60.0	23.6	27.7		3 800*		2 800		1 700	60.0
62.0	18.5	22.4		3 300*		2 400		1 400	62.0
64.0	11.2	14.5		2 300*		2 000		1 000	64.0

Liftcrane Boom Capacities

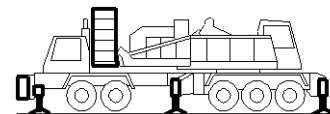
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



67.1m (220 Ft.)

Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		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	
11.0	82.1	69.1	↑	48 800*	↑	48 800*	45 100	48 800*	11.0
12.0	81.2	68.9		44 400*		44 400*	39 200	44 400*	12.0
14.0	79.5	68.6		37 800*		37 800*	30 800	37 800*	14.0
16.0	77.8	68.1		33 000*		33 000*	25 000	33 000*	16.0
18.0	76.0	67.7		29 200*		29 200*	20 700	29 200*	18.0
20.0	74.2	67.1	NOT ALLOWED	26 200*	NOT ALLOWED	26 200*	17 300	25 800	20.0
22.0	72.4	66.5		23 800*		23 800*	14 700	22 100	22.0
24.0	70.6	65.8		21 600*		21 600*	12 600	19 200	24.0
26.0	68.8	65.0		19 900*		19 400	10 800	16 700	26.0
28.0	66.9	64.2		18 200*		17 100	9 300	14 700	28.0
30.0	65.1	63.3		16 500*		15 200	8 000	13 000	30.0
32.0	63.2	62.3		14 900*		13 600	6 900	11 500	32.0
34.0	61.2	61.2		13 600*		12 100	5 900	10 200	34.0
36.0	59.2	60.0		12 400*		10 900	5 100	9 100	36.0
38.0	57.2	58.7		11 300*		9 800	4 300	8 100	38.0
40.0	55.1	57.4	↓	10 300*	↓	8 800	3 600	7 200	40.0
42.0	53.0	55.9		9 500*		7 900	3 100	6 400	42.0
44.0	50.8	54.3		8 700*		7 100	2 500	5 600	44.0
46.0	48.6	52.5		8 000*		6 400	2 000	5 000	46.0
48.0	46.2	50.7		7 300*		5 700	1 500	4 400	48.0
50.0	43.8	48.6		6 600*		5 100	1 100	3 800	50.0
52.0	41.2	46.4		5 900*		4 600		3 400	52.0
54.0	38.5	43.9		5 300*		4 100		2 900	54.0
56.0	35.6	41.2		4 800*		3 600		2 400	56.0
58.0	32.5	38.2		4 300*		3 200		2 000	58.0
60.0	29.1	34.8		3 800*		2 700		1 700	60.0
62.0	25.3	30.8		3 400*		2 300		1 300	62.0
64.0	20.8	25.9		2 900*		1 900		900	64.0
66.0	15.1	19.5		2 200*		1 600			66.0

Liftcrane Boom Capacities

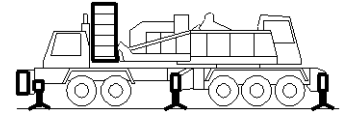
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

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

Liftcrane Boom Capacities

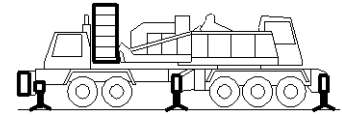
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



73.2m (240 Ft.)

Boom



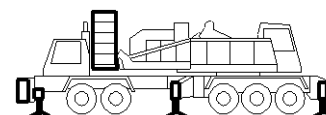
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		43 270 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
12.2	81.8	75.1	↑ NOT ALLOWED ↓	38 000*	↑ NOT ALLOWED ↓	38 000*	12.2
14.0	80.4	74.8		35 100*		35 100*	14.0
16.0	78.8	74.4		31 600*		31 600*	16.0
18.0	77.2	73.9		27 700*		27 700*	18.0
20.0	75.6	73.4		24 700*		24 700*	20.0
22.0	73.9	72.9		22 300*		22 300*	22.0
24.0	72.3	72.2		20 300*		20 300*	24.0
26.0	70.6	71.5		18 600*		18 600	26.0
28.0	69.0	70.8		17 000*		16 900	28.0
30.0	67.3	69.9		15 700*		14 900	30.0
32.0	65.6	69.1	↑ NOT ALLOWED ↓	14 300*	↑ NOT ALLOWED ↓	13 200	32.0
34.0	63.8	68.1		12 800*		11 800	34.0
36.0	62.1	67.0		11 500*		10 500	36.0
38.0	60.3	65.9		10 300*		9 400	38.0
40.0	58.4	64.7		9 200*		8 400	40.0
42.0	56.6	63.4		8 200*		7 600	42.0
44.0	54.6	62.0		7 300*		6 700	44.0
46.0	52.7	60.5		6 400*		6 000	46.0
48.0	50.7	58.9		5 600*		5 400	48.0
50.0	48.6	57.1		4 900*		4 800	50.0
52.0	46.5	55.3	↑ NOT ALLOWED ↓	4 200*	↑ NOT ALLOWED ↓	4 200*	52.0
54.0	44.2	53.3		3 500*		3 500*	54.0
56.0	41.9	51.1		2 900*		2 900*	56.0
58.0	39.5	48.7		2 300*		2 300*	58.0
60.0	36.9	46.1		1 800*		1 800*	60.0
62.0	34.2	43.2		1 300*		1 300*	62.0

**Meets
ANSI B30.5
Requirements**

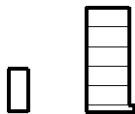
0 kg to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

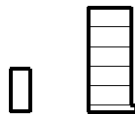
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



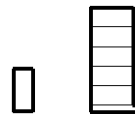
Boom



Boom



Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwtw. 11 340 kg Bumper Cwtw.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.0	77.9	↑ NOT ALLOWED ↓	36 500*
14.0	80.8	77.9		35 800*
16.0	79.3	77.5		30 900*
18.0	77.7	77.1		27 200*
20.0	76.2	76.6		24 200*
22.0	74.6	76.0		21 800*
24.0	73.0	75.4		19 800*
26.0	71.5	74.8		18 000*
28.0	69.9	74.1		16 500*
30.0	68.2	73.3		15 200*
32.0	66.6	72.4		14 000*
34.0	64.9	71.5		12 800*
36.0	63.3	70.5		11 800*
38.0	61.6	69.4		10 700*
40.0	59.8	68.3		9 700*
42.0	58.1	67.0		8 800*
44.0	56.3	65.7		8 000*
46.0	54.4	64.3		7 100*
48.0	52.5	62.8		6 400*
50.0	50.6	61.2		5 800*
52.0	48.6	59.5	5 200*	
54.0	46.6	57.6	4 600*	
56.0	44.4	55.6	4 000*	
58.0	42.2	53.4	3 500*	
60.0	39.9	51.1	3 000*	
62.0	37.5	48.5	2 600*	
64.0	34.9	45.7	2 200*	
66.0	32.1	42.7	1 800*	
68.0	29.1	39.2	1 400*	
70.0	25.8	35.2	1 100*	

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	 NOT ALL LOW ED 	34 200*
14.0	81.1	80.9		33 800*
16.0	79.7	80.6		30 400*
18.0	78.2	80.2		26 500*
20.0	76.7	79.7		23 600*
22.0	75.2	79.2		21 200*
24.0	73.7	78.6		19 200*
26.0	72.2	78.0		17 500*
28.0	70.7	77.3		16 000*
30.0	69.1	76.5		14 600*
32.0	67.6	75.7		13 400*
34.0	66.0	74.8		12 400*
36.0	64.4	73.9		11 400*
38.0	62.8	72.9		10 500*
40.0	61.1	71.8		9 400*
42.0	59.4	70.6		8 400*
44.0	57.7	69.4		7 600*
46.0	56.0	68.1		6 800*
48.0	54.2	66.6		6 100*
50.0	52.4	65.1		5 400*
52.0	50.5	63.5	4 800*	
54.0	48.6	61.7	4 200*	
56.0	46.7	59.9	3 700*	
58.0	44.6	57.9	3 200*	
60.0	42.5	55.7	2 700*	
62.0	40.3	53.4	2 300*	
64.0	38.0	50.9	1 900*	
66.0	35.5	48.2	1 400*	

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	↑ NOT ALLOWED ↓	33 500*
14.0	81.5	84.0		33 000*
16.0	80.1	83.7		29 600*
18.0	78.6	83.3		25 800*
20.0	77.2	82.9		22 900*
22.0	75.8	82.4		20 500*
24.0	74.3	81.8		18 500*
26.0	72.9	81.2		16 800*
28.0	71.4	80.5		15 400*
30.0	69.9	79.8		14 100*
32.0	68.4	79.0		12 900*
34.0	66.9	78.2		11 900*
36.0	65.4	77.3		10 900*
38.0	63.8	76.3		10 100*
40.0	62.3	75.3		9 200*
42.0	60.7	74.2		8 200*
44.0	59.1	73.0		7 400*
46.0	57.4	71.7		6 600*
48.0	55.7	70.4		5 800*
50.0	54.0	68.9		5 200*
52.0	52.3	67.4	4 600*	
54.0	50.5	65.8	4 000*	
56.0	48.6	64.1	3 500*	
58.0	46.7	62.2	3 000*	
60.0	44.8	60.2	2 500*	
62.0	42.7	58.1	1 900*	
64.0	40.6	55.8	1 400*	