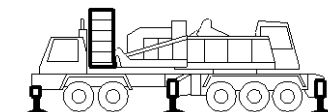


Liftcrane Boom Capacities

**Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without 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 without front bumper counterweight.

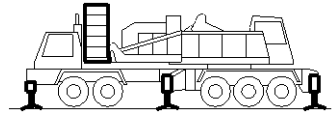
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 770 kg
12.2m	2 130 kg
15.2m	2 540 kg
18.3m	2 990 kg
21.3m	3 450 kg
24.4m	3 950 kg

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
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


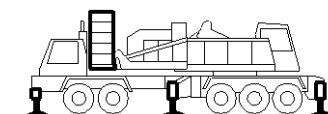
Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight						
(a) 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 cannot be used on 73.2m boom.						

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		
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
Without 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		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	—	Not Allowed
36.6m	—					
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.

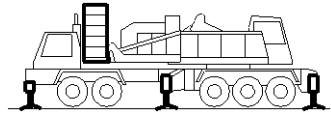
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without 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 Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 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	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*	72 200	72 600*	8.0
9.0	55.1	12.8	76 300*	76 300*	72 000*	72 000*	67 700*	67 700*	57 700	63 500*	9.0
10.0	49.1	12.0	67 700*	67 700*	63 900*	63 900*	56 900	60 000*	47 900	56 100	10.0
11.0	42.5	10.9	60 700*	60 700*	56 300	57 200*	48 400	53 700*	40 600	48 400	11.0
12.0	34.8	9.5	54 800*	54 800*	48 800	51 600*	41 900	48 500*	34 900	41 800	12.0

Liftcrane Boom Capacities

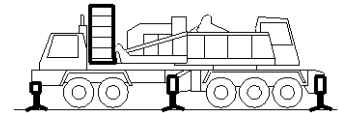
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 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	
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*	92 000	92 200*	5.5
6.0	70.7	14.6	94 000*	94 000*	86 100	87 500*	72 600	83 500*	6.0
7.0	65.7	14.1	77 200	78 900*	60 400	73 300*	50 200	67 900	7.0
8.0	60.6	13.6	58 800	67 700*	45 800	58 800	37 800	50 600	8.0
9.0	55.1	12.8	47 000	57 800	36 300	46 800	29 700	40 200	9.0
10.0	49.1	12.0	38 800	47 800	29 700	38 600	24 200	32 900	10.0
11.0	42.5	10.9	32 700	40 400	24 800	32 400	20 000	27 600	11.0
12.0	34.8	9.5	28 000	34 700	21 000	27 700	16 700	23 400	12.0

Liftcrane Boom Capacities

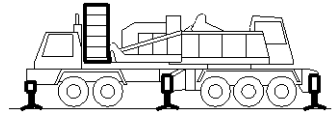
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



18.3m (60 Ft.)

Boom

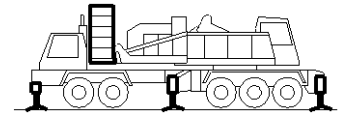


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
4.3	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*	72 300	72 500*	8.0
9.0	66.6	19.3	76 300*	76 300*	71 900*	71 900*	67 700*	67 700*	58 700	63 400*	9.0
10.0	63.1	18.7	67 700*	67 700*	63 800*	63 800*	57 800	60 000*	48 600	56 100*	10.0
11.0	59.4	18.1	60 700*	60 700*	57 100	57 200*	49 200	53 700*	41 300	49 200	11.0
12.0	55.6	17.4	54 900*	54 900*	49 600	51 700*	42 600	48 600*	35 700	42 600	12.0
14.0	47.3	15.7	44 600	45 900*	38 800	43 100*	33 200	38 800	27 500	33 100	14.0
16.0	37.6	13.4	36 200	39 100*	31 500	36 400	26 700	31 400	22 000	26 600	16.0
18.0	24.6	9.7	30 100	33 800*	26 100	30 100	21 900	26 000	17 900	21 900	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 kg to 43 270 kg Crane Counterweight
 Without 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 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	
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*	91 900	92 000*	5.5
6.0	76.7	20.4	93 800*	93 800*	86 900	87 300*	74 600	83 300*	6.0
7.0	73.4	20.1	77 600	78 800*	61 600	73 200*	51 400	68 200	7.0
8.0	70.0	19.7	59 800	67 600*	46 800	59 900	38 800	51 600	8.0
9.0	66.6	19.3	47 800	58 300	37 100	47 700	30 600	41 100	9.0
10.0	63.1	18.7	39 500	48 500	30 500	39 300	24 900	33 700	10.0
11.0	59.4	18.1	33 400	41 200	25 600	33 200	20 800	28 400	11.0
12.0	55.6	17.4	28 700	35 500	21 800	28 500	17 500	24 200	12.0
14.0	47.3	15.7	21 900	27 400	16 300	21 700	12 900	18 200	14.0
16.0	37.6	13.4	17 200	21 800	12 500	17 100	9 600	14 100	16.0
18.0	24.6	9.7	13 800	17 700	9 700	13 600	7 200	11 100	18.0

Liftcrane Boom Capacities

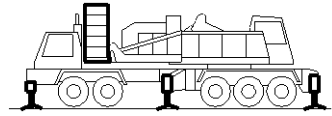
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully 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 Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 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	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*	72 800	73 000*	8.0
9.0	70.2	22.6	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	59 600	63 800*	9.0
10.0	67.2	22.1	68 100*	68 100*	64 300*	64 300*	58 700	60 400*	49 400	56 600*	10.0
11.0	64.2	21.7	61 200*	61 200*	57 700	57 700*	50 000	54 200*	42 100	50 000	11.0
12.0	61.2	21.1	55 400*	55 400*	50 400	52 200*	43 400	49 000*	36 400	43 300	12.0
14.0	54.7	19.7	45 300	46 400*	39 600	43 700*	34 000	39 600	28 300	33 900	14.0
16.0	47.6	18.0	37 000	39 700*	32 300	37 000	27 500	32 200	22 800	27 400	16.0
18.0	39.5	15.8	31 000	34 400*	26 900	31 000	22 800	26 800	18 700	22 700	18.0
20.0	29.5	12.6	26 400	30 000	22 800	26 400	19 200	22 700	15 600	19 100	20.0

Liftcrane Boom Capacities

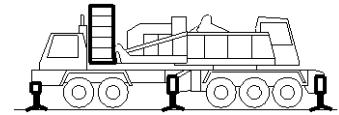
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 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	
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*	92 300	92 400*	5.5
6.0	78.6	23.5	94 300*	94 300*	87 700*	87 700*	75 900	83 700*	6.0
7.0	75.8	23.3	78 200	79 200*	62 700	73 600*	52 500	68 900	7.0
8.0	73.0	23.0	60 800	68 100*	47 700	60 900	39 700	52 600	8.0
9.0	70.2	22.6	48 700	59 100	38 000	48 500	31 500	41 900	9.0
10.0	67.2	22.1	40 300	49 400	31 300	40 200	25 700	34 500	10.0
11.0	64.2	21.7	34 200	42 000	26 300	34 000	21 500	29 100	11.0
12.0	61.2	21.1	29 500	36 300	22 500	29 300	18 300	25 000	12.0
14.0	54.7	19.7	22 700	28 200	17 100	22 500	13 600	19 000	14.0
16.0	47.6	18.0	18 000	22 600	13 300	17 900	10 400	14 900	16.0
18.0	39.5	15.8	14 600	18 600	10 600	14 500	8 100	12 000	18.0
20.0	29.5	12.6	12 000	15 500	8 400	11 800	6 200	9 600	20.0

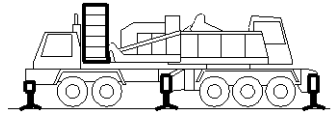
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



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

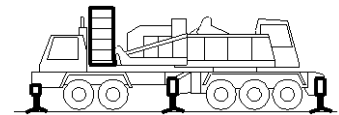


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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	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*	72 800	72 900*	8.0
9.0	72.8	25.8	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	59 900	63 800*	9.0
10.0	70.2	25.5	68 100*	68 100*	64 300*	64 300*	59 000	60 400*	49 700	56 600*	10.0
11.0	67.7	25.0	61 200*	61 200*	57 700	57 700*	50 200	54 200*	42 300	50 200	11.0
12.0	65.1	24.6	55 400*	55 400*	50 600	52 200*	43 600	49 000*	36 700	43 500	12.0
14.0	59.7	23.5	45 600	46 400*	39 800	43 700*	34 100	39 800	28 500	34 000	14.0
16.0	54.0	22.0	37 200	39 700*	32 400	37 100	27 700	32 400	22 900	27 600	16.0
18.0	47.8	20.3	31 200	34 500*	27 100	31 200	23 000	27 000	18 900	22 900	18.0
20.0	40.8	18.1	26 600	30 200	23 000	26 600	19 400	23 000	15 800	19 300	20.0
22.0	32.6	15.3	23 000	26 200	19 800	22 900	16 600	19 700	13 400	16 500	22.0
24.0	21.7	11.1	20 000	22 900	17 100	20 000	14 200	17 000	11 300	14 100	24.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without 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 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	
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*	76 700	83 700*	6.0
7.0	77.7	26.4	78 400	79 200*	63 300	73 600*	53 000	69 100	7.0
8.0	75.2	26.1	61 200	68 100*	48 100	61 300	40 100	53 000	8.0
9.0	72.8	25.8	49 000	59 300	38 300	48 900	31 800	42 300	9.0
10.0	70.2	25.5	40 600	49 600	31 500	40 400	26 000	34 800	10.0
11.0	67.7	25.0	34 500	42 200	26 500	34 200	21 800	29 300	11.0
12.0	65.1	24.6	29 700	36 500	22 700	29 500	18 500	25 200	12.0
14.0	59.7	23.5	22 900	28 400	17 200	22 700	13 800	19 200	14.0
16.0	54.0	22.0	18 200	22 800	13 500	18 000	10 600	15 100	16.0
18.0	47.8	20.3	14 800	18 800	10 700	14 600	8 300	12 100	18.0
20.0	40.8	18.1	12 200	15 700	8 700	12 100	6 500	9 900	20.0
22.0	32.6	15.3	10 100	13 200	7 000	10 000	5 000	8 100	22.0
24.0	21.7	11.1	8 500	11 200	5 600	8 300	3 800	6 500	24.0

Liftcrane Boom Capacities

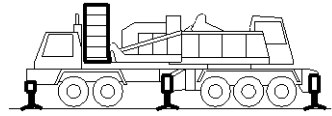
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



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

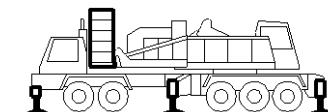


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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	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*	72 800*	72 900*	8.0
9.0	74.7	29.0	76 700*	76 700*	72 400*	72 400*	68 100*	68 100*	60 200	63 800*	9.0
10.0	72.5	28.7	68 100*	68 100*	64 300*	64 300*	59 200	60 400*	49 900	56 600*	10.0
11.0	70.3	28.3	61 100*	61 100*	57 600	57 700*	50 400	54 200*	42 500	50 400	11.0
12.0	68.1	27.9	55 400*	55 400*	50 800	52 200*	43 800	49 000*	36 800	43 700	12.0
14.0	63.4	27.0	45 700	46 400*	39 900	43 700*	34 300	40 000	28 600	34 200	14.0
16.0	58.6	25.8	37 300	39 700*	32 600	37 100	27 800	32 500	23 100	27 700	16.0
18.0	53.4	24.4	31 300	34 500*	27 200	31 300	23 100	27 100	19 000	23 000	18.0
20.0	47.9	22.6	26 700	30 400	23 100	26 700	19 600	23 100	16 000	19 500	20.0
22.0	41.8	20.5	23 100	26 300	20 000	23 100	16 700	19 900	13 500	16 600	22.0
24.0	34.8	17.8	20 200	23 100	17 300	20 200	14 400	17 300	11 500	14 400	24.0
26.0	26.2	14.2	17 800	20 400	15 100	17 800	12 500	15 100	9 900	12 400	26.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without 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 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	
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*	77 400	83 700*	6.0
7.0	79.1	29.6	78 500	79 200*	63 800	73 600*	53 400	69 200	7.0
8.0	76.9	29.3	61 500	68 100*	48 400	61 600	40 400	53 300	8.0
9.0	74.7	29.0	49 300	59 500	38 600	49 100	32 100	42 500	9.0
10.0	72.5	28.7	40 800	49 800	31 800	40 600	26 200	35 100	10.0
11.0	70.3	28.3	34 600	42 400	26 700	34 400	21 900	29 600	11.0
12.0	68.1	27.9	29 900	36 700	22 900	29 600	18 700	25 400	12.0
14.0	63.4	27.0	23 000	28 500	17 400	22 800	13 900	19 300	14.0
16.0	58.6	25.8	18 300	22 900	13 600	18 200	10 700	15 200	16.0
18.0	53.4	24.4	15 000	18 900	10 800	14 800	8 400	12 300	18.0
20.0	47.9	22.6	12 400	15 800	8 800	12 200	6 600	10 000	20.0
22.0	41.8	20.5	10 300	13 400	7 100	10 200	5 200	8 200	22.0
24.0	34.8	17.8	8 700	11 400	5 800	8 500	4 000	6 700	24.0
26.0	26.2	14.2	7 200	9 800	4 600	7 100	3 000	5 500	26.0

Liftcrane Boom Capacities

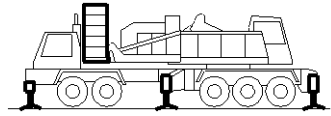
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



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

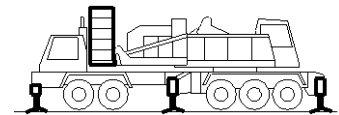


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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	109 400*	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*	72 700	72 800*	8.0
9.0	76.3	32.2	76 700*	76 700*	72 300*	72 300*	68 000*	68 000*	60 400	63 700*	9.0
10.0	74.3	31.9	68 000*	68 000*	64 200*	64 200*	59 400	60 300*	50 000	56 500*	10.0
11.0	72.4	31.6	61 100*	61 100*	57 600	57 600*	50 500	54 100*	42 600	50 500	11.0
12.0	70.4	31.2	55 300*	55 300*	50 900	52 100*	43 800	48 900*	36 900	43 800	12.0
14.0	66.3	30.4	45 700	46 300*	40 000	43 600*	34 300	40 000	28 700	34 200	14.0
16.0	62.1	29.4	37 300	39 600*	32 600	37 100	27 800	32 500	23 100	27 700	16.0
18.0	57.6	28.1	31 300	34 400*	27 200	31 300	23 100	27 200	19 000	23 000	18.0
20.0	53.0	26.7	26 700	30 300	23 100	26 700	19 600	23 100	16 000	19 500	20.0
22.0	48.0	24.9	23 100	26 400	20 000	23 100	16 700	19 900	13 500	16 600	22.0
24.0	42.6	22.9	20 200	23 100	17 400	20 200	14 400	17 300	11 600	14 400	24.0
26.0	36.5	20.3	17 900	20 400	15 200	17 800	12 600	15 100	10 000	12 500	26.0
28.0	29.3	17.0	15 800	18 200	13 400	15 800	11 000	13 300	8 500	10 900	28.0
30.0	19.8	12.4	14 000	16 200	11 800	14 000	9 600	11 700	7 300	9 500	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without 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 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	
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*	78 000	83 600*	6.0
7.0	80.2	32.7	78 500	79 100*	64 200	73 500*	53 700	69 200	7.0
8.0	78.2	32.5	61 700	68 000*	48 600	61 900	40 700	53 500	8.0
9.0	76.3	32.2	49 400	59 400*	38 700	49 300	32 200	42 700	9.0
10.0	74.3	31.9	41 000	50 000	31 900	40 800	26 300	35 100	10.0
11.0	72.4	31.6	34 700	42 500	26 800	34 500	22 000	29 700	11.0
12.0	70.4	31.2	29 900	36 700	23 000	29 700	18 700	25 400	12.0
14.0	66.3	30.4	23 000	28 500	17 400	22 800	14 000	19 400	14.0
16.0	62.1	29.4	18 300	22 900	13 600	18 200	10 700	15 300	16.0
18.0	57.6	28.1	15 000	18 900	10 800	14 800	8 400	12 300	18.0
20.0	53.0	26.7	12 400	15 800	8 800	12 200	6 600	10 000	20.0
22.0	48.0	24.9	10 300	13 400	7 100	10 200	5 200	8 200	22.0
24.0	42.6	22.9	8 700	11 400	5 800	8 500	4 000	6 700	24.0
26.0	36.5	20.3	7 300	9 800	4 700	7 100	3 000	5 500	26.0
28.0	29.3	17.0	6 100	8 400	3 700	6 000	2 200	4 500	28.0
30.0	19.8	12.4	5 100	7 200	2 800	5 000	1 500	3 600	30.0

Liftcrane Boom Capacities

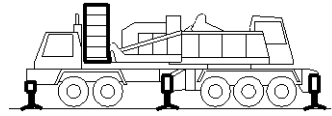
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



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

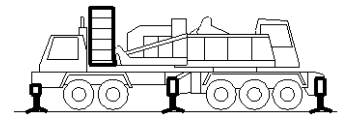


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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	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*	72 700	72 800*	8.0
9.0	77.6	35.3	72 800*	72 800*	72 100*	72 100*	67 900*	67 900*	60 500	63 600*	9.0
10.0	75.8	35.1	67 200*	67 200*	64 100*	64 100*	59 500	60 300*	50 200	56 400*	10.0
11.0	74.0	34.8	61 000*	61 000*	57 500	57 500*	50 500	54 000*	42 700	50 500	11.0
12.0	72.2	34.5	55 200*	55 200*	51 000	52 000*	43 900	48 900*	37 000	43 900	12.0
14.0	68.6	33.7	45 800	46 200*	40 000	43 500*	34 400	40 100	28 700	34 300	14.0
16.0	64.8	32.8	37 300	39 500*	32 600	37 100	27 900	32 600	23 100	27 700	16.0
18.0	60.9	31.7	31 300	34 400*	27 200	31 300	23 100	27 200	19 100	23 100	18.0
20.0	56.9	30.4	26 800	30 200	23 100	26 700	19 600	23 100	16 000	19 500	20.0
22.0	52.6	29.0	23 200	26 400	20 000	23 100	16 800	19 900	13 500	16 700	22.0
24.0	48.1	27.2	20 300	23 100	17 400	20 200	14 500	17 300	11 600	14 400	24.0
26.0	43.2	25.2	17 900	20 500	15 200	17 800	12 600	15 100	10 000	12 500	26.0
28.0	37.8	22.7	15 800	18 300	13 400	15 800	11 000	13 400	8 600	10 900	28.0
30.0	31.6	19.7	14 100	16 300	11 900	14 100	9 600	11 800	7 400	9 600	30.0
32.0	24.0	15.7	12 600	14 600	10 500	12 600	8 400	10 500	6 300	8 400	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 kg to 43 270 kg Crane Counterweight
 Without 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 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	
6.1	82.6	35.9	92 500*	92 500*	86 000*	86 000*	74 700	82 100*	6.1
7.0	81.1	35.8	78 600	79 000*	64 400	73 400*	54 000	69 300	7.0
8.0	79.3	35.6	61 900	67 900*	48 800	62 100	40 800	53 700	8.0
9.0	77.6	35.3	49 600	59 400*	38 900	49 400	32 300	42 800	9.0
10.0	75.8	35.1	41 000	50 100	32 000	40 900	26 500	35 300	10.0
11.0	74.0	34.8	34 800	42 600	26 900	34 600	22 100	29 800	11.0
12.0	72.2	34.5	30 000	36 800	23 000	29 800	18 800	25 500	12.0
14.0	68.6	33.7	23 100	28 600	17 500	22 900	14 000	19 400	14.0
16.0	64.8	32.8	18 400	23 000	13 700	18 200	10 800	15 300	16.0
18.0	60.9	31.7	15 000	18 900	10 900	14 800	8 400	12 300	18.0
20.0	56.9	30.4	12 400	15 800	8 800	12 200	6 600	10 000	20.0
22.0	52.6	29.0	10 300	13 400	7 100	10 200	5 200	8 200	22.0
24.0	48.1	27.2	8 700	11 500	5 800	8 500	4 000	6 800	24.0
26.0	43.2	25.2	7 300	9 900	4 700	7 200	3 100	5 600	26.0
28.0	37.8	22.7	6 200	8 500	3 700	6 000	2 300	4 600	28.0
30.0	31.6	19.7	5 200	7 300	2 900	5 000	1 500	3 700	30.0
32.0	24.0	15.7	4 300	6 300	2 200	4 200	900	2 900	32.0

Liftcrane Boom Capacities

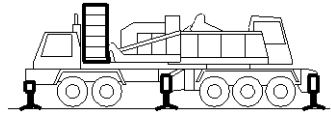
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully 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 Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 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*	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*	60 800	63 700*	9.0
10.0	77.0	38.2	64 200*	64 200*	64 000*	64 000*	59 700	60 300*	50 300	56 500*	10.0
11.0	75.4	38.0	59 400*	59 400*	57 600	57 600*	50 700	54 100*	42 900	50 600	11.0
12.0	73.8	37.7	55 100*	55 100*	51 100	52 100*	44 100	48 900*	37 100	44 000	12.0
14.0	70.5	37.0	46 000	46 300*	40 100	43 600*	34 500	40 300	28 900	34 400	14.0
16.0	67.1	36.2	37 500	39 600*	32 700	37 100	28 000	32 700	23 300	27 900	16.0
18.0	63.6	35.2	31 500	34 400*	27 400	31 500	23 300	27 300	19 200	23 200	18.0
20.0	60.0	34.1	26 900	30 300	23 300	26 900	19 700	23 200	16 100	19 600	20.0
22.0	56.2	32.8	23 300	26 500	20 100	23 200	16 900	20 000	13 700	16 800	22.0
24.0	52.3	31.3	20 400	23 300	17 500	20 400	14 600	17 400	11 700	14 500	24.0
26.0	48.2	29.5	18 000	20 600	15 400	17 900	12 800	15 300	10 100	12 700	26.0
28.0	43.7	27.5	16 000	18 400	13 600	16 000	11 100	13 500	8 700	11 100	28.0
30.0	38.9	25.1	14 300	16 500	12 000	14 200	9 800	12 000	7 600	9 700	30.0
32.0	33.4	22.3	12 800	14 900	10 700	12 700	8 700	10 700	6 600	8 600	32.0
34.0	27.0	18.7	11 500	13 400	9 600	11 500	7 600	9 500	5 600	7 500	34.0
36.0	18.4	13.6	10 300	12 100	8 500	10 300	6 700	8 400	4 800	6 600	36.0

Liftcrane Boom Capacities

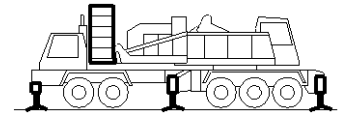
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 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	
6.7	82.3	38.9	83 100*	83 100*	71 000	77 200*	59 900	73 700*	6.7
7.0	81.8	38.9	78 800	79 300*	65 100	73 700*	54 900	69 400	7.0
8.0	80.2	38.7	62 100	68 000*	49 000	62 300	41 100	54 000	8.0
9.0	78.6	38.5	49 800	59 400*	39 100	49 600	32 500	43 000	9.0
10.0	77.0	38.2	41 300	50 300	32 200	41 100	26 700	35 400	10.0
11.0	75.4	38.0	35 000	42 800	27 100	34 800	22 300	29 900	11.0
12.0	73.8	37.7	30 100	37 000	23 200	30 000	19 000	25 600	12.0
14.0	70.5	37.0	23 200	28 700	17 600	23 000	14 200	19 600	14.0
16.0	67.1	36.2	18 500	23 100	13 800	18 300	10 900	15 400	16.0
18.0	63.6	35.2	15 100	19 100	11 000	15 000	8 500	12 400	18.0
20.0	60.0	34.1	12 500	16 000	8 900	12 400	6 700	10 100	20.0
22.0	56.2	32.8	10 500	13 600	7 300	10 300	5 300	8 400	22.0
24.0	52.3	31.3	8 800	11 600	5 900	8 700	4 200	6 900	24.0
26.0	48.2	29.5	7 500	10 000	4 800	7 300	3 200	5 700	26.0
28.0	43.7	27.5	6 300	8 700	3 900	6 200	2 400	4 700	28.0
30.0	38.9	25.1	5 300	7 500	3 100	5 200	1 700	3 800	30.0
32.0	33.4	22.3	4 500	6 500	2 400	4 400	1 100	3 100	32.0
34.0	27.0	18.7	3 700	5 500	1 800	3 600		2 400	34.0
36.0	18.4	13.6	3 000	4 700	1 200	2 900		1 800	36.0

Liftcrane Boom Capacities

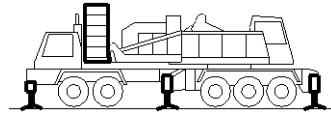
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



39.6m (130 Ft.)

Boom

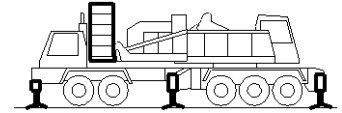


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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*	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*	72 100	72 200*	8.0
9.0	79.5	41.6	66 800*	66 800*	66 800*	66 800*	66 800*	66 800*	60 900	63 600*	9.0
10.0	78.0	41.4	61 900*	61 900*	61 900*	61 900*	59 700	60 200*	50 400	56 300*	10.0
11.0	76.5	41.1	57 300*	57 300*	57 300	57 300*	50 700	54 000*	42 900	50 400	11.0
12.0	75.1	40.9	53 100*	53 100*	51 200	52 000*	44 100	48 800*	37 100	44 000	12.0
14.0	72.0	40.2	45 800	46 000*	40 100	43 400*	34 400	40 200	28 800	34 400	14.0
16.0	68.9	39.5	37 400	39 500*	32 700	37 000	27 900	32 600	23 200	27 800	16.0
18.0	65.8	38.6	31 400	34 300*	27 300	31 500	23 200	27 200	19 100	23 100	18.0
20.0	62.5	37.6	26 800	30 200	23 200	26 800	19 600	23 100	16 000	19 500	20.0
22.0	59.2	36.4	23 200	26 400	20 000	23 200	16 800	19 900	13 600	16 700	22.0
24.0	55.7	35.1	20 300	23 200	17 400	20 300	14 500	17 400	11 600	14 400	24.0
26.0	52.1	33.6	17 900	20 500	15 300	17 900	12 700	15 200	10 000	12 600	26.0
28.0	48.3	31.8	15 900	18 300	13 500	15 900	11 000	13 400	8 700	11 000	28.0
30.0	44.2	29.9	14 200	16 400	12 000	14 200	9 700	11 900	7 500	9 600	30.0
32.0	39.8	27.5	12 700	14 800	10 600	12 700	8 600	10 600	6 500	8 500	32.0
34.0	34.9	24.8	11 400	13 300	9 500	11 400	7 500	9 400	5 600	7 500	34.0
36.0	29.2	21.5	10 300	12 100	8 400	10 200	6 600	8 400	4 800	6 600	36.0
38.0	22.3	17.1	9 300	10 900	7 500	9 200	5 800	7 500	4 100	5 700	38.0

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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



39.6m (130 Ft.)

Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	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	
6.7	82.9	42.0	80 700*	80 700*	71 300	77 100*	60 100	73 500*	6.7
7.0	82.5	42.0	77 700	78 000*	65 400	73 600*	55 100	69 400	7.0
8.0	81.0	41.8	62 300	67 800*	49 200	62 500	41 200	54 100	8.0
9.0	79.5	41.6	49 900	59 300*	39 100	49 700	32 600	43 100	9.0
10.0	78.0	41.4	41 300	50 400	32 200	41 100	26 700	35 500	10.0
11.0	76.5	41.1	35 000	42 800	27 100	34 800	22 300	29 900	11.0
12.0	75.1	40.9	30 100	37 000	23 200	30 000	19 000	25 600	12.0
14.0	72.0	40.2	23 200	28 700	17 600	23 000	14 100	19 500	14.0
16.0	68.9	39.5	18 500	23 000	13 700	18 300	10 800	15 300	16.0
18.0	65.8	38.6	15 100	19 000	10 900	14 900	8 400	12 400	18.0
20.0	62.5	37.6	12 400	15 900	8 800	12 300	6 600	10 100	20.0
22.0	59.2	36.4	10 400	13 500	7 200	10 200	5 200	8 300	22.0
24.0	55.7	35.1	8 700	11 500	5 800	8 600	4 100	6 800	24.0
26.0	52.1	33.6	7 400	9 900	4 700	7 200	3 100	5 600	26.0
28.0	48.3	31.8	6 200	8 500	3 800	6 100	2 300	4 600	28.0
30.0	44.2	29.9	5 200	7 400	3 000	5 100	1 600	3 700	30.0
32.0	39.8	27.5	4 400	6 400	2 300	4 300	1 000	3 000	32.0
34.0	34.9	24.8	3 600	5 500	1 700	3 500		2 300	34.0
36.0	29.2	21.5	3 000	4 700	1 100	2 900		1 800	36.0
38.0	22.3	17.1	2 400	4 000		2 300		1 200	38.0

Liftcrane Boom Capacities

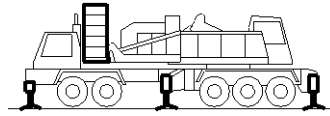
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without 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 Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	
			Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	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*	61 000	63 200*	9.0
10.0	78.9	44.5	58 800*	58 800*	58 800*	58 800*	58 500	58 800*	50 400	56 200*	10.0
11.0	77.5	44.3	54 500*	54 500*	54 500*	54 500*	50 700	53 800*	42 900	50 300	11.0
12.0	76.1	44.0	50 500*	50 500*	50 500	50 500*	44 000	48 700*	37 100	44 000	12.0
14.0	73.3	43.4	43 700*	43 700*	40 000	43 400*	34 400	40 200	28 800	34 300	14.0
16.0	70.5	42.7	37 600	38 200*	32 600	36 900	27 900	32 600	23 100	27 800	16.0
18.0	67.6	41.9	31 300	33 700*	27 200	31 400	23 100	27 200	19 000	23 000	18.0
20.0	64.7	41.0	26 700	29 900	23 100	26 700	19 600	23 100	15 900	19 400	20.0
22.0	61.6	40.0	23 100	26 400	19 900	23 100	16 700	19 900	13 500	16 600	22.0
24.0	58.5	38.8	20 200	23 100	17 300	20 200	14 400	17 300	11 500	14 400	24.0
26.0	55.2	37.4	17 800	20 400	15 200	17 800	12 500	15 100	9 900	12 500	26.0
28.0	51.9	35.9	15 800	18 200	13 400	15 800	11 000	13 300	8 600	10 900	28.0
30.0	48.3	34.1	14 100	16 300	11 900	14 100	9 600	11 800	7 400	9 500	30.0
32.0	44.5	32.2	12 600	14 700	10 500	12 600	8 500	10 500	6 400	8 400	32.0
34.0	40.5	29.9	11 300	13 200	9 400	11 300	7 400	9 400	5 500	7 400	34.0
36.0	36.1	27.3	10 200	12 000	8 400	10 200	6 600	8 300	4 700	6 500	36.0
38.0	31.1	24.1	9 200	10 900	7 500	9 200	5 700	7 400	4 000	5 700	38.0
40.0	25.2	20.2	8 300	9 900	6 600	8 200	5 000	6 600	3 400	4 900	40.0
42.0	17.4	14.8	7 400	9 000	5 900	7 400	4 300	5 900	2 800	4 300	42.0

Liftcrane Boom Capacities

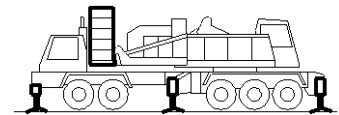
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 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	
7.3	82.6	45.0	72 800*	72 800*	59 200	69 700*	7.3
8.0	81.6	44.9	62 500	67 800*	49 300	62 600	8.0
9.0	80.3	44.7	49 900	59 100*	39 200	49 800	9.0
10.0	78.9	44.5	41 300	50 500	32 200	41 100	10.0
11.0	77.5	44.3	35 000	42 800	27 100	34 800	11.0
12.0	76.1	44.0	30 100	37 000	23 100	29 900	12.0
14.0	73.3	43.4	23 200	28 700	17 500	23 000	14.0
16.0	70.5	42.7	18 400	23 000	13 600	18 200	16.0
18.0	67.6	41.9	15 000	18 900	10 900	14 800	18.0
20.0	64.7	41.0	12 300	15 800	8 800	12 200	20.0
22.0	61.6	40.0	10 300	13 400	7 100	10 200	22.0
24.0	58.5	38.8	8 600	11 400	5 800	8 500	24.0
26.0	55.2	37.4	7 300	9 800	4 600	7 200	26.0
28.0	51.9	35.9	6 100	8 400	3 700	6 000	28.0
30.0	48.3	34.1	5 100	7 300	2 900	5 000	30.0
32.0	44.5	32.2	4 300	6 300	2 200	4 200	32.0
34.0	40.5	29.9	3 600	5 400	1 600	3 500	34.0
36.0	36.1	27.3	2 900	4 600	1 100	2 800	36.0
38.0	31.1	24.1	2 300	3 900		2 200	38.0
40.0	25.2	20.2	1 800	3 300		1 700	40.0
42.0	17.4	14.8	1 300	2 700		1 200	42.0

Liftcrane Boom Capacities

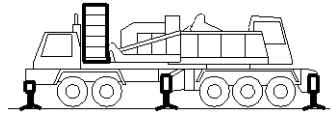
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



45.7m (150 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 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*	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*	61 100	63 200*	9.0
10.0	79.7	47.6	61 400*	61 400*	61 400*	61 400*	59 400	59 800*	50 400	55 900*	10.0
11.0	78.4	47.4	56 000*	56 000*	56 000*	56 000*	50 700	53 500*	42 800	50 000	11.0
12.0	77.1	47.2	51 500*	51 500*	50 900	51 400*	43 900	48 400*	37 000	44 000	12.0
14.0	74.5	46.6	44 400	44 500*	39 900	43 000*	34 300	40 100	28 700	34 200	14.0
16.0	71.9	46.0	37 400	39 000*	32 400	36 600*	27 700	32 400	22 900	27 600	16.0
18.0	69.2	45.2	31 100	33 900*	27 000	31 200	22 900	27 000	18 900	22 800	18.0
20.0	66.5	44.4	26 500	29 800	22 900	26 500	19 300	22 900	15 700	19 200	20.0
22.0	63.7	43.4	22 900	26 200	19 700	22 900	16 500	19 600	13 300	16 400	22.0
24.0	60.8	42.3	20 000	22 900	17 100	19 900	14 200	17 000	11 300	14 100	24.0
26.0	57.9	41.1	17 600	20 200	14 900	17 500	12 300	14 900	9 700	12 200	26.0
28.0	54.8	39.7	15 600	17 900	13 100	15 500	10 700	13 100	8 300	10 600	28.0
30.0	51.7	38.2	13 800	16 100	11 600	13 800	9 300	11 500	7 100	9 300	30.0
32.0	48.4	36.4	12 400	14 400	10 300	12 300	8 200	10 200	6 100	8 100	32.0
34.0	44.8	34.5	11 100	13 000	9 100	11 000	7 200	9 100	5 200	7 100	34.0
36.0	41.1	32.3	10 000	11 800	8 100	9 900	6 300	8 100	4 500	6 200	36.0
38.0	37.1	29.7	8 900	10 600	7 200	8 900	5 500	7 200	3 800	5 400	38.0
40.0	32.6	26.7	8 000	9 600	6 400	8 000	4 800	6 300	3 100	4 700	40.0
42.0	27.4	23.1	7 200	8 700	5 700	7 200	4 100	5 600	2 600	4 100	42.0
44.0	21.1	18.5	6 500	7 900	5 000	6 400	3 500	5 000	2 000	3 500	44.0

Liftcrane Boom Capacities

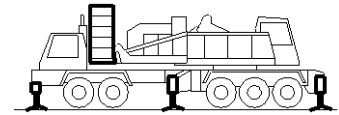
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 Counterweight	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
7.9	82.3	48.0	63 700	68 200*
8.0	82.2	48.0	62 600	67 500*
9.0	80.9	47.8	50 000	58 900*
10.0	79.7	47.6	41 300	50 500
11.0	78.4	47.4	35 000	42 700
12.0	77.1	47.2	30 000	36 900
14.0	74.5	46.6	23 000	28 500
16.0	71.9	46.0	18 200	22 800
18.0	69.2	45.2	14 700	18 700
20.0	66.5	44.4	12 200	15 600
22.0	63.7	43.4	10 100	13 200
24.0	60.8	42.3	8 400	11 200
26.0	57.9	41.1	7 000	9 500
28.0	54.8	39.7	5 900	8 200
30.0	51.7	38.2	4 900	7 000
32.0	48.4	36.4	4 000	6 000
34.0	44.8	34.5	3 300	5 100
36.0	41.1	32.3	2 600	4 400
38.0	37.1	29.7	2 100	3 700
40.0	32.6	26.7	1 500	3 100
42.0	27.4	23.1	1 000	2 500
44.0	21.1	18.5		2 000

Liftcrane Boom Capacities

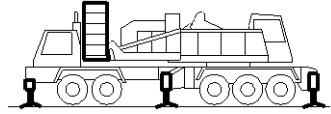
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



48.8m (160 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 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*	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*	61 300	63 200*	9.0
10.0	80.3	50.7	60 100*	60 100*	60 100*	60 100*	59 300	59 700*	50 300	55 800*	10.0
11.0	79.1	50.5	54 700*	54 700*	54 700*	54 700*	50 600	53 400*	42 800	49 900	11.0
12.0	77.9	50.3	50 300*	50 300*	50 300	50 300*	43 900	48 200*	36 900	43 900	12.0
14.0	75.5	49.8	43 400	43 400*	39 800	42 900*	34 200	40 000	28 600	34 100	14.0
16.0	73.0	49.2	37 400	38 300*	32 300	36 500*	27 600	32 300	22 900	27 500	16.0
18.0	70.6	48.5	31 000	33 700*	26 900	31 100	22 800	26 900	18 700	22 700	18.0
20.0	68.0	47.7	26 400	29 600	22 800	26 400	19 200	22 700	15 600	19 100	20.0
22.0	65.4	46.8	22 800	26 000	19 500	22 700	16 400	19 500	13 200	16 300	22.0
24.0	62.8	45.8	19 900	22 700	16 900	19 800	14 100	16 900	11 200	14 000	24.0
26.0	60.1	44.7	17 400	20 100	14 800	17 400	12 200	14 700	9 500	12 100	26.0
28.0	57.3	43.4	15 400	17 800	13 000	15 400	10 600	12 900	8 200	10 500	28.0
30.0	54.5	42.0	13 700	15 900	11 500	13 700	9 200	11 400	7 000	9 200	30.0
32.0	51.5	40.5	12 200	14 300	10 200	12 200	8 100	10 100	6 000	8 000	32.0
34.0	48.4	38.7	11 000	12 900	9 000	10 900	7 100	8 900	5 100	7 000	34.0
36.0	45.1	36.8	9 800	11 600	8 000	9 800	6 200	7 900	4 300	6 100	36.0
38.0	41.6	34.6	8 800	10 500	7 100	8 800	5 400	7 000	3 700	5 300	38.0
40.0	37.9	32.1	7 900	9 500	6 300	7 900	4 700	6 200	3 000	4 600	40.0
42.0	33.8	29.3	7 100	8 600	5 600	7 100	4 000	5 500	2 500	4 000	42.0
44.0	29.2	25.9	6 400	7 800	4 900	6 300	3 400	4 900	2 000	3 400	44.0
46.0	23.8	21.7	5 700	7 100	4 300	5 700	2 900	4 300	1 500	2 800	46.0
48.0	16.7	16.0	5 100	6 400	3 700	5 000	2 400	3 700	1 000	2 300	48.0

Liftcrane Boom Capacities

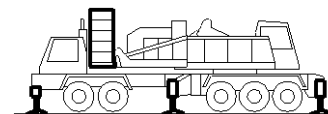
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without 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 Counterweight	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
7.9	82.8	51.0	63 700	68 000*
8.0	82.7	51.0	62 700	67 300*
9.0	81.5	50.9	50 000	58 700*
10.0	80.3	50.7	41 300	50 500
11.0	79.1	50.5	34 900	42 700
12.0	77.9	50.3	30 000	36 800
14.0	75.5	49.8	22 900	28 400
16.0	73.0	49.2	18 100	22 700
18.0	70.6	48.5	14 700	18 600
20.0	68.0	47.7	12 000	15 500
22.0	65.4	46.8	9 900	13 000
24.0	62.8	45.8	8 300	11 000
26.0	60.1	44.7	6 900	9 500
28.0	57.3	43.4	5 700	8 100
30.0	54.5	42.0	4 800	6 900
32.0	51.5	40.5	3 900	5 900
34.0	48.4	38.7	3 200	5 000
36.0	45.1	36.8	2 500	4 300
38.0	41.6	34.6	1 900	3 600
40.0	37.9	32.1	1 400	3 000
42.0	33.8	29.3		2 400
44.0	29.2	25.9		1 900
46.0	23.8	21.7		1 400

Liftcrane Boom Capacities

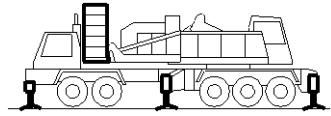
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



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

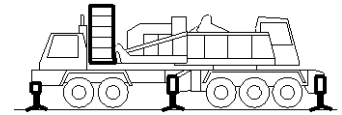


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear 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	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*	60 900	63 000*	9.0
10.0	80.9	53.8	58 900*	58 900*	58 900*	58 900*	58 700	58 900*	50 300	55 700*	10.0
11.0	79.8	53.6	53 600*	53 600*	53 600*	53 600*	50 600	53 400*	42 800	49 900	11.0
12.0	78.6	53.4	49 200*	49 200*	49 200*	49 200*	43 900	48 200*	36 900	43 900	12.0
14.0	76.4	53.0	42 400*	42 400*	39 900	42 300*	34 200	40 000	28 600	34 100	14.0
16.0	74.1	52.4	36 800	37 300*	32 300	36 500*	27 600	32 300	22 800	27 500	16.0
18.0	71.7	51.7	31 100	33 300*	26 900	31 000	22 800	26 900	18 700	22 700	18.0
20.0	69.4	51.0	26 400	29 500	22 800	26 400	19 200	22 700	15 600	19 100	20.0
22.0	67.0	50.2	22 700	26 000	19 500	22 700	16 300	19 500	13 200	16 300	22.0
24.0	64.5	49.2	19 900	22 700	16 900	19 800	14 000	16 900	11 200	14 000	24.0
26.0	62.1	48.2	17 400	20 100	14 800	17 400	12 200	14 700	9 500	12 100	26.0
28.0	59.5	47.0	15 400	17 800	13 000	15 400	10 600	12 900	8 200	10 500	28.0
30.0	56.9	45.8	13 700	15 900	11 500	13 700	9 200	11 400	7 000	9 100	30.0
32.0	54.2	44.3	12 200	14 300	10 200	12 200	8 100	10 100	6 000	8 000	32.0
34.0	51.4	42.8	11 000	12 900	9 000	10 900	7 100	8 900	5 100	7 000	34.0
36.0	48.4	41.0	9 800	11 600	8 000	9 800	6 200	7 900	4 300	6 100	36.0
38.0	45.4	39.1	8 800	10 500	7 100	8 800	5 400	7 000	3 700	5 300	38.0
40.0	42.1	37.0	7 900	9 500	6 300	7 900	4 700	6 200	3 000	4 600	40.0
42.0	38.6	34.5	7 100	8 600	5 600	7 100	4 000	5 500	2 500	4 000	42.0
44.0	34.9	31.8	6 400	7 800	4 900	6 400	3 400	4 900	2 000	3 400	44.0
46.0	30.7	28.6	5 700	7 100	4 300	5 700	2 900	4 300	1 500	2 900	46.0
48.0	25.9	24.7	5 100	6 400	3 800	5 100	2 400	3 700	1 100	2 400	48.0
50.0	20.0	19.8	4 500	5 800	3 200	4 500	2 000	3 200	1 900	1 900	50.0

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



**54.9m (180 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		20 140 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	Boom Capacity 360 Deg.	Boom Capacity Rear	
			Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	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*	50 500	55 400*	10.0
11.0	80.3	56.7	52 300*	52 300*	52 300*	52 300*	50 700	52 300*	42 700	49 700	11.0
12.0	79.3	56.5	48 000*	48 000*	48 000*	48 000*	43 800	47 900*	36 900	43 900	12.0
14.0	77.1	56.1	41 200*	41 200*	39 900	41 200*	34 100	39 800	28 500	34 000	14.0
16.0	75.0	55.6	36 100	36 200*	32 200	36 100*	27 500	32 200	22 700	27 400	16.0
18.0	72.8	55.0	31 000	32 300*	26 800	30 900	22 700	26 700	18 600	22 600	18.0
20.0	70.6	54.3	26 200	29 100*	22 600	26 200	19 100	22 600	15 500	19 000	20.0
22.0	68.3	53.5	22 600	25 900	19 400	22 600	16 200	19 300	13 000	16 100	22.0
24.0	66.1	52.6	19 700	22 600	16 800	19 600	13 900	16 700	11 000	13 800	24.0
26.0	63.7	51.6	17 300	19 900	14 600	17 200	12 000	14 600	9 400	11 900	26.0
28.0	61.4	50.6	15 200	17 700	12 800	15 200	10 400	12 800	8 000	10 300	28.0
30.0	58.9	49.4	13 500	15 800	11 300	13 500	9 100	11 300	6 800	9 000	30.0
32.0	56.5	48.1	12 100	14 100	10 000	12 000	7 900	9 900	5 800	7 800	32.0
34.0	53.9	46.7	10 800	12 700	8 800	10 700	6 900	8 800	4 900	6 800	34.0
36.0	51.2	45.1	9 600	11 400	7 800	9 600	6 000	7 800	4 200	5 900	36.0
38.0	48.5	43.3	8 700	10 300	6 900	8 600	5 200	6 900	3 500	5 200	38.0
40.0	45.6	41.4	7 700	9 300	6 100	7 700	4 500	6 100	2 900	4 400	40.0
42.0	42.5	39.3	7 000	8 500	5 400	6 900	3 900	5 400	2 300	3 800	42.0
44.0	39.3	36.9	6 200	7 600	4 700	6 200	3 300	4 700	1 800	3 200	44.0
46.0	35.8	34.2	5 500	6 900	4 100	5 500	2 700	4 100	1 300	2 700	46.0
48.0	32.0	31.2	4 900	6 200	3 600	4 900	2 300	3 600		2 200	48.0
50.0	27.7	27.6	4 400	5 600	3 100	4 300	1 800	3 100		1 800	50.0
52.0	22.6	23.2	3 900	5 100	2 600	3 800	1 400	2 600		1 400	52.0
54.0	16.0	17.2	3 400	4 500	2 200	3 300	1 000	2 200			54.0

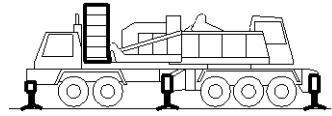
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight
Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



57.9m (190 Ft.)

Boom

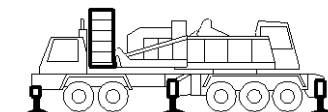


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight		35 560 kg Crane Counterweight		27 850 kg Crane Counterweight		Oper. Rad. m
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms	
9.1	82.7	60.1	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*	10.0
11.0	80.9	59.8	49 400*	49 400*	49 400*	49 400*	49 300	49 400*	11.0
12.0	79.8	59.6	46 600*	46 600*	46 600*	46 600*	43 900	46 600*	12.0
14.0	77.8	59.2	40 100*	40 100*	39 900	40 100*	34 000	39 700	14.0
16.0	75.8	58.7	35 200*	35 200*	32 100	35 200*	27 400	32 100	16.0
18.0	73.7	58.2	30 700	31 300*	26 600	30 700	22 600	26 600	18.0
20.0	71.6	57.5	26 100	28 200*	22 500	26 100	18 900	22 500	20.0
22.0	69.5	56.8	22 500	25 500	19 300	22 500	16 100	19 200	22.0
24.0	67.4	56.0	19 500	22 500	16 600	19 500	13 800	16 600	24.0
26.0	65.2	55.0	17 100	19 700	14 500	17 100	11 800	14 400	26.0
28.0	63.0	54.0	15 100	17 500	12 700	15 100	10 300	12 600	28.0
30.0	60.8	52.9	13 400	15 600	11 100	13 300	8 900	11 100	30.0
32.0	58.4	51.7	11 900	14 000	9 800	11 900	7 800	9 800	32.0
34.0	56.1	50.4	10 600	12 600	8 700	10 600	6 700	8 600	34.0
36.0	53.6	49.0	9 500	11 300	7 700	9 500	5 800	7 600	36.0
38.0	51.1	47.4	8 500	10 200	6 800	8 400	5 000	6 700	38.0
40.0	48.5	45.6	7 600	9 200	6 000	7 500	4 300	5 900	40.0
42.0	45.8	43.7	6 800	8 300	5 200	6 700	3 700	5 200	42.0
44.0	42.9	41.6	6 100	7 500	4 600	6 000	3 100	4 600	44.0
46.0	39.8	39.3	5 400	6 800	4 000	5 400	2 600	4 000	46.0
48.0	36.6	36.7	4 800	6 100	3 500	4 800	2 100	3 400	48.0
50.0	33.1	33.7	4 200	5 500	3 000	4 200	1 700	2 900	50.0
52.0	29.2	30.3	3 700	4 900	2 500	3 700	1 300	2 400	52.0
54.0	24.7	26.3	3 200	4 400	2 100	3 200		2 000	54.0
56.0	19.2	21.1	2 800	3 900	1 700	2 800		1 600	56.0

Liftcrane Boom Capacities

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

Meets
ANSI B30.5
Requirements



61.0m (200 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	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	
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*	38 000	38 100*	34 000	38 000	14.0
16.0	76.5	61.9	34 100*	34 100*	32 300	34 100*	27 200	32 200	16.0
18.0	74.6	61.3	30 400	30 500*	26 500	30 400	22 400	26 500	18.0
20.0	72.6	60.7	26 000	27 400*	22 400	26 000	18 800	22 300	20.0
22.0	70.6	60.0	22 300	24 600*	19 100	22 300	15 900	19 000	22.0
24.0	68.6	59.2	19 400	22 200	16 500	19 400	13 600	16 400	24.0
26.0	66.6	58.4	16 900	19 600	14 300	16 900	11 700	14 300	26.0
28.0	64.5	57.5	14 900	17 400	12 500	14 900	10 100	12 400	28.0
30.0	62.4	56.4	13 200	15 400	11 000	13 200	8 700	10 900	30.0
32.0	60.2	55.3	11 700	13 800	9 700	11 700	7 600	9 600	32.0
34.0	58.0	54.1	10 500	12 400	8 500	10 400	6 500	8 400	34.0
36.0	55.7	52.7	9 300	11 100	7 500	9 300	5 700	7 400	36.0
38.0	53.4	51.3	8 300	10 000	6 600	8 300	4 800	6 500	38.0
40.0	51.0	49.7	7 400	9 000	5 800	7 400	4 100	5 700	40.0
42.0	48.5	47.9	6 600	8 100	5 100	6 600	3 500	5 000	42.0
44.0	45.9	46.0	5 900	7 300	4 400	5 800	2 900	4 400	44.0
46.0	43.2	44.0	5 200	6 600	3 800	5 200	2 400	3 800	46.0
48.0	40.4	41.7	4 600	5 900	3 300	4 600	1 900	3 200	48.0
50.0	37.3	39.1	4 100	5 300	2 800	4 000	1 500	2 700	50.0
52.0	34.0	36.3	3 500	4 600*	2 300	3 500	1 100	2 300	52.0
54.0	30.4	33.0	3 100	4 000*	1 900	3 000		1 900	54.0
56.0	26.4	29.2	2 600	3 300*	1 500	2 600		1 500	56.0
58.0	21.6	24.6	2 200	2 700*	1 100	2 200			58.0
60.0	15.5	18.4	1 800	2 200*		1 800			60.0

Liftcrane Boom Capacities

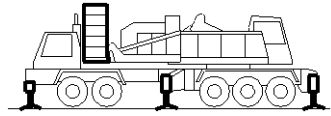
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully 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 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	
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*	46 700*	46 700*	11.0
12.0	80.8	65.8	44 600*	44 600*	44 600*	44 600*	12.0
14.0	79.0	65.5	38 800*	38 800*	38 700	38 800*	14.0
16.0	77.2	65.0	33 900*	33 900*	32 000	33 900*	16.0
18.0	75.3	64.5	30 100*	30 100*	26 400	30 100*	18.0
20.0	73.5	63.9	25 900	27 100*	22 300	25 800	20.0
22.0	71.6	63.3	22 200	24 500*	19 000	22 200	22.0
24.0	69.7	62.5	19 300	22 100	16 400	19 200	24.0
26.0	67.7	61.7	16 900	19 500	14 200	16 800	26.0
28.0	65.8	60.8	14 800	17 200	12 400	14 800	28.0
30.0	63.8	59.9	13 100	15 300	10 800	13 100	30.0
32.0	61.8	58.8	11 600	13 700	9 500	11 600	32.0
34.0	59.7	57.7	10 300	12 200	8 400	10 300	34.0
36.0	57.6	56.4	9 200	11 000	7 400	9 100	36.0
38.0	55.4	55.0	8 200	9 900	6 500	8 200	38.0
40.0	53.2	53.6	7 300	8 900	5 700	7 300	40.0
42.0	50.9	52.0	6 500	8 000	5 000	6 500	42.0
44.0	48.5	50.2	5 800	7 200	4 300	5 700	44.0
46.0	46.1	48.3	5 100	6 500	3 700	5 100	46.0
48.0	43.5	46.3	4 500	5 800	3 200	4 500	48.0
50.0	40.8	44.0	3 900	5 200	2 700	3 900	50.0
52.0	37.9	41.5	3 400	4 700	2 200	3 400	52.0
54.0	34.9	38.8	3 000	4 100	1 800	2 900	54.0
56.0	31.5	35.6	2 500	3 600	1 400	2 500	56.0
58.0	27.9	32.0	2 100	3 200		2 100	58.0
60.0	23.6	27.7	1 800	2 800		1 700	60.0
62.0	18.5	22.4	1 400	2 400		1 400	62.0
64.0	11.2	14.5	1 000	2 000		1 000	64.0

Liftcrane Boom Capacities

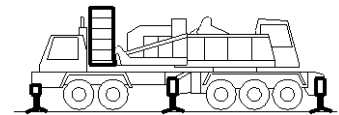
Boom No. 78T With Heavy Lift Top

0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully 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 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	
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*	32 100	33 000*	16.0
18.0	76.0	67.7	29 200*	29 200*	26 400	29 200*	18.0
20.0	74.2	67.1	25 800	26 200*	22 200	25 800	20.0
22.0	72.4	66.5	22 100	23 800*	18 900	22 100	22.0
24.0	70.6	65.8	19 200	21 600*	16 300	19 200	24.0
26.0	68.8	65.0	16 800	19 400	14 100	16 700	26.0
28.0	66.9	64.2	14 700	17 100	12 300	14 700	28.0
30.0	65.1	63.3	13 000	15 200	10 800	13 000	30.0
32.0	63.2	62.3	11 500	13 600	9 500	11 500	32.0
34.0	61.2	61.2	10 200	12 100	8 300	10 200	34.0
36.0	59.2	60.0	9 100	10 900	7 300	9 100	36.0
38.0	57.2	58.7	8 100	9 800	6 400	8 100	38.0
40.0	55.1	57.4	7 200	8 800	5 600	7 200	40.0
42.0	53.0	55.9	6 400	7 900	4 900	6 400	42.0
44.0	50.8	54.3	5 700	7 100	4 200	5 600	44.0
46.0	48.6	52.5	5 000	6 400	3 600	5 000	46.0
48.0	46.2	50.7	4 400	5 700	3 100	4 400	48.0
50.0	43.8	48.6	3 900	5 100	2 600	3 800	50.0
52.0	41.2	46.4	3 400	4 600	2 100	3 400	52.0
54.0	38.5	43.9	2 900	4 100	1 700	2 900	54.0
56.0	35.6	41.2	2 500	3 600	1 300	2 400	56.0
58.0	32.5	38.2	2 100	3 200		2 000	58.0
60.0	29.1	34.8	1 700	2 700		1 700	60.0
62.0	25.3	30.8	1 300	2 300		1 300	62.0
64.0	20.8	25.9	1 000	1 900		900	64.0
66.0	15.1	19.5		1 600			66.0

Liftcrane Boom Capacities

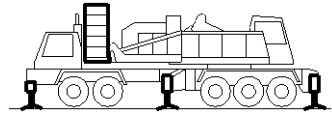
Boom No. 78T With Heavy Lift Top
0 kg to 43 270 kg Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



70.1m (230 Ft.)

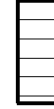
Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
11.6	82.0	72.1	43 000*	43 000*
12.0	81.6	72.0	42 300*	42 300*
14.0	80.0	71.7	37 000*	37 000*
16.0	78.3	71.3	32 100*	32 100*
18.0	76.6	70.8	28 400*	28 400*
20.0	74.9	70.3	25 400	25 500*
22.0	73.2	69.7	22 000	23 000*
24.0	71.5	69.0	19 000	20 900*
26.0	69.8	68.3	16 600	19 200
28.0	68.0	67.5	14 500	17 000
30.0	66.2	66.6	12 800	15 100
32.0	64.4	65.7	11 300	13 400
34.0	62.6	64.7	10 000	12 000
36.0	60.7	63.5	8 900	10 700
38.0	58.8	62.3	7 900	9 600
40.0	56.9	61.1	7 000	8 600
42.0	54.9	59.7	6 200	7 800
44.0	52.8	58.2	5 500	6 900
46.0	50.7	56.6	4 800	6 200
48.0	48.6	54.8	4 200	5 600
50.0	46.3	53.0	3 700	4 900
52.0	44.0	50.9	3 200	4 400
54.0	41.6	48.7	2 700	3 900
56.0	39.0	46.3	2 300	3 400
58.0	36.3	43.7	1 900	2 900
60.0	33.4	40.7	1 500	2 500
62.0	30.2	37.4	1 100	2 100
64.0	26.7	33.7		1 800
66.0	22.8	29.2		1 400
68.0	17.9	23.6		1 100

73.2m (240 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Counterweight	
			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	21 900	22 300*
24.0	72.3	72.2	18 900	20 300*
26.0	70.6	71.5	16 400	18 600
28.0	69.0	70.8	14 400	16 900
30.0	67.3	69.9	12 700	14 900
32.0	65.6	69.1	11 200	13 200
34.0	63.8	68.1	9 900	11 800
36.0	62.1	67.0	8 700	10 500
38.0	60.3	65.9	7 800	9 400
40.0	58.4	64.7	6 900	8 400
42.0	56.6	63.4	6 100	7 600
44.0	54.6	62.0	5 300	6 700
46.0	52.7	60.5	4 700	6 000
48.0	50.7	58.9	4 000	5 400
50.0	48.6	57.1	3 500	4 800
52.0	46.5	55.3	3 000	4 200*
54.0	44.2	53.3	2 500	3 500*
56.0	41.9	51.1	2 100	2 900*
58.0	39.5	48.7	1 700	2 300*
60.0	36.9	46.1	1 300	1 800*
62.0	34.2	43.2	900	1 300*