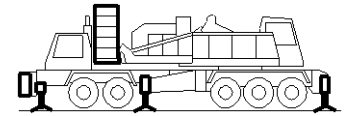


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 43 270 kg Crane Counterweight
With or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Retracted 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 fully retracted 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-C**. 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

Meets
ANSI B30.5
Requirements

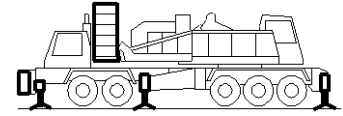
777T

Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

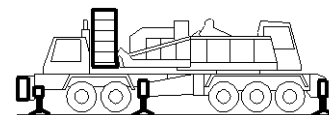


Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.						
(a) 82.3m	—	67.1m	—	Not Allowed	Not Allowed	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	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 73.2m boom over rear.						

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight + 11 340 kg Front Bumper Cwt.		
Not Allowed		
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 Lb. to 43 270 kg Crane Counterweight
With or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Retracted 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

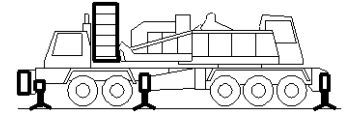
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑	165 100*	↑	165 100*	↑	165 100*	↑	162 900*	3.7
4.0	80.1	15.2	↑	164 400*	↑	163 000*	↑	158 000*	↑	153 100*	4.0
4.5	77.8	15.1	N O T	153 200*	N O T	149 400*	N O T	145 100*	N O T	140 100*	4.5
5.0	75.4	15.0	N O T	138 500*	N O T	138 000*	N O T	132 800*	N O T	126 800*	5.0
5.5	73.1	14.8	N O T	126 400*	N O T	126 400*	N O T	121 000*	N O T	115 700*	5.5
6.0	70.7	14.6	A L L O W E D	116 100*	A L L O W E D	116 100*	A L L O W E D	111 200*	A L L O W E D	106 200*	6.0
7.0	65.7	14.1	A L L O W E D	99 700*	A L L O W E D	99 700*	A L L O W E D	95 300*	A L L O W E D	90 200*	7.0
8.0	60.6	13.6	A L L O W E D	87 100*	A L L O W E D	87 100*	A L L O W E D	82 300*	A L L O W E D	77 400*	8.0
9.0	55.1	12.8	A L L O W E D	76 300*	A L L O W E D	76 300*	A L L O W E D	72 000*	A L L O W E D	67 700*	9.0
10.0	49.1	12.0	A L L O W E D	67 700*	A L L O W E D	67 700*	A L L O W E D	63 900*	A L L O W E D	60 000*	10.0
11.0	42.5	10.9	↓	60 700*	↓	60 700*	↓	57 200*	↓	53 700*	11.0
12.0	34.8	9.5	↓	54 800*	↓	54 800*	↓	51 600*	↓	48 300	12.0

Liftcrane Boom Capacities

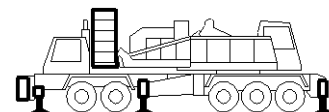
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ N O T	157 900*	73 900b	152 900*	52 700	144 100*	39 800	138 200*	3.7
4.0	80.1	15.2		148 300*	63 100b	141 400*	44 800	132 500*	33 600	127 100*	4.0
4.5	77.8	15.1		133 900*	51 700	126 400*	36 300	118 400*	27 000	113 600*	4.5
5.0	75.4	15.0		120 900*	43 500	114 200*	30 300	106 900*	22 300	102 500*	5.0
5.5	73.1	14.8		110 300*	37 300	103 800*	25 800	96 600*	18 800	92 200*	5.5
6.0	70.7	14.6	A L L O W E D ↓	100 700*	32 500	94 000*	22 300	87 500*	16 000	83 500*	6.0
7.0	65.7	14.1		84 500*	25 500	78 900*	17 100	73 300*	12 000	67 000	7.0
8.0	60.6	13.6		72 600*	20 600	67 700*	13 500	57 100	9 100	47 600	8.0
9.0	55.1	12.8		63 500*	16 900	57 200	10 800	44 400	7 000	36 800	9.0
10.0	49.1	12.0		55 900	14 200	46 300	8 700	35 900	5 400	29 500	10.0
11.0	42.5	10.9		47 600	11 900	38 700	7 000	29 700	4 000	24 300	11.0
12.0	34.8	9.5		40 700	10 000	32 900	5 600	25 100	3 000	20 300	12.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

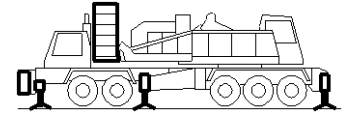
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	148 600*	↑ NOT	144 200*	↑ NOT	139 400*	4.0
4.5	81.5	20.7		152 500*							4.5
5.0	79.9	20.6		138 000*							5.0
5.5	78.3	20.5		126 000*							5.5
6.0	76.7	20.4		115 700*							6.0
7.0	73.4	20.1	A L L O W E D ↓	99 400*	A L L O W E D ↓	99 400*	A L L O W E D ↓	95 000*	A L L O W E D ↓	90 000*	7.0
8.0	70.0	19.7		86 900*							8.0
9.0	66.6	19.3		76 300*							9.0
10.0	63.1	18.7		67 700*							10.0
11.0	59.4	18.1		60 700*							11.0
12.0	55.6	17.4	↓	54 900*	↓	54 900*	↓	51 700*	↓	48 600*	12.0
14.0	47.3	15.7		45 900*							14.0
16.0	37.6	13.4		39 100*							16.0
18.0	24.6	9.7		33 800*							18.0

Liftcrane Boom Capacities

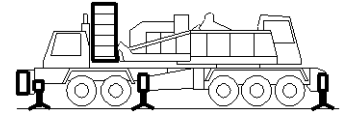
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ NOT ALLOWED ↓	133 400*	52 100	125 900*	36 800	117 900*	27 400	113 100*	4.5
5.0	79.9	20.6		120 500*	43 800	113 600*	30 600	106 400*	22 600	102 000*	5.0
5.5	78.3	20.5		109 900*	37 500	103 500*	26 000	96 400*	19 000	92 000*	5.5
6.0	76.7	20.4		100 500*	32 700	93 800*	22 500	87 300*	16 200	83 300*	6.0
7.0	73.4	20.1		84 300*	25 600	78 800*	17 200	73 200*	12 100	67 600	7.0
8.0	70.0	19.7	↑ NOT ALLOWED ↓	72 500*	20 700	67 600*	13 600	58 600	9 300	48 900	8.0
9.0	66.6	19.3		63 400*	17 100	57 900	10 900	45 500	7 200	37 900	9.0
10.0	63.1	18.7		56 100*	14 300	47 300	8 900	36 900	5 600	30 500	10.0
11.0	59.4	18.1		48 600	12 100	39 600	7 200	30 700	4 300	25 200	11.0
12.0	55.6	17.4		41 700	10 300	33 800	5 900	26 000	3 200	21 200	12.0
14.0	47.3	15.7	↑ NOT ALLOWED ↓	31 900	7 500	25 700	3 800	19 400		15 600	14.0
16.0	37.6	13.4		25 400	5 500	20 200	2 300	15 000		11 800	16.0
18.0	24.6	9.7		20 700	3 900	16 200	1 100	11 700		9 000	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

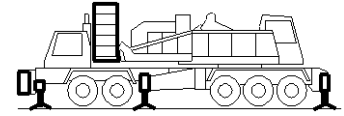
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ N O T	134 300*	↑ N O T	134 300*	↑ N O T	134 300*	↑ N O T	134 300*	4.6
5.0	81.4	23.7		133 100*		133 100*		131 800*		127 100*	5.0
5.5	80.0	23.6		126 400*		126 400*		121 000*		115 600*	5.5
6.0	78.6	23.5		116 100*		116 100*		111 200*		106 200*	6.0
7.0	75.8	23.3		99 700*		99 700*		95 500*		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*	↓ A L L O W E D	82 700*	↓ A L L O W E D	77 800*	8.0
9.0	70.2	22.6		76 700*		76 700*		72 400*		68 100*	9.0
10.0	67.2	22.1		68 100*		68 100*		64 300*		60 400*	10.0
11.0	64.2	21.7		61 200*		61 200*		57 700*		54 200*	11.0
12.0	61.2	21.1		55 400*		55 400*		52 200*		49 000*	12.0
14.0	54.7	19.7	↓	46 400*	↓	46 400*	↓	43 700*	↓	39 100	14.0
16.0	47.6	18.0		39 700*		39 700*		36 900		31 500	16.0
18.0	39.5	15.8		34 400*		34 400*		30 500		26 000	18.0
20.0	29.5	12.6		30 300*		29 800		25 800		21 900	20.0

Liftcrane Boom Capacities

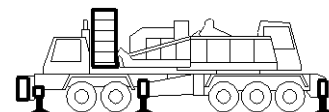
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ N O T A L L O W E D ↓	131 600*	51 300	124 300*	36 400	116 500*	27 300	111 700*	4.6
5.0	81.4	23.7		120 900*	44 400	114 100*	31 300	106 800*	23 300	102 400*	5.0
5.5	80.0	23.6		110 200*	38 200	104 000*	26 600	96 800*	19 600	92 400*	5.5
6.0	78.6	23.5		100 900*	33 300	94 300*	23 100	87 700*	16 900	83 700*	6.0
7.0	75.8	23.3		84 800*	26 200	79 200*	17 800	73 600*	12 700	68 300	7.0
8.0	73.0	23.0		73 000*	21 300	68 100*	14 200	59 700	9 900	50 000	8.0
9.0	70.2	22.6		63 800*	17 700	58 700	11 500	46 500	7 800	38 900	9.0
10.0	67.2	22.1		56 600*	14 900	48 200	9 500	37 800	6 200	31 400	10.0
11.0	64.2	21.7		49 500	12 700	40 500	7 800	31 600	4 900	26 100	11.0
12.0	61.2	21.1		42 500	10 900	34 700	6 500	26 800	3 800	22 100	12.0
14.0	54.7	19.7		32 800	8 200	26 500	4 500	20 200	2 200	16 400	14.0
16.0	47.6	18.0		26 200	6 100	21 000	3 000	15 800		12 600	16.0
18.0	39.5	15.8		21 600	4 600	17 100	1 800	12 600		9 900	18.0
20.0	29.5	12.6		18 000	3 300	14 100		10 100		7 700	20.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

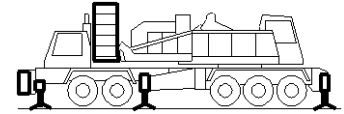
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

Meets
ANSI B30.5
Requirements

777T



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



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.		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	↑ N O T	127 200*	↑ N O T	127 200*	↑ N O T	127 200*	↑ N O T	127 200*	4.9
5.0	82.5	26.8		126 800*		126 800*		126 800*		125 300*	5.0
5.5	81.3	26.7		125 200*		125 200*		120 900*		115 500*	5.5
6.0	80.1	26.6		116 200*		116 200*		111 100*		106 100*	6.0
7.0	77.7	26.4		99 700*		99 700*		95 400*		90 500*	7.0
8.0	75.2	26.1	↓ A L L O W E D	87 200*	↓ A L L O W E D	87 200*	↓ A L L O W E D	82 700*	↓ A L L O W E D	77 800*	8.0
9.0	72.8	25.8		76 700*		76 700*		72 400*		68 100*	9.0
10.0	70.2	25.5		68 100*		68 100*		64 300*		60 400*	10.0
11.0	67.7	25.0		61 200*		61 200*		57 700*		54 200*	11.0
12.0	65.1	24.6		55 400*		55 400*		52 200*		49 000*	12.0
14.0	59.7	23.5	↓	46 400*	↓	46 400*	↓	43 700*	↓	39 300	14.0
16.0	54.0	22.0		39 700*		39 700*		36 900		31 700	16.0
18.0	47.8	20.3		34 500*		34 500*		30 700		26 200	18.0
20.0	40.8	18.1		30 300*		30 000		26 000		22 100	20.0
22.0	32.6	15.3		27 000*		25 900		22 400		18 900	22.0
24.0	21.7	11.1		23 800		22 600		19 400		16 300	24.0

Liftcrane Boom Capacities

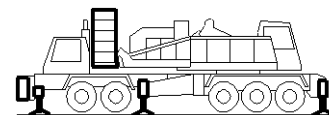
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	NOT ALLOWED	123 700*	46 400	116 800*	32 800	109 400*	24 500	104 900*	4.9
5.0	82.5	26.8		120 900*	44 700	114 100*	31 500	106 800*	23 500	102 400*	5.0
5.5	81.3	26.7		110 100*	38 400	103 900*	26 800	96 800*	19 800	92 500*	5.5
6.0	80.1	26.6		100 900*	33 500	94 300*	23 200	87 700*	17 000	83 700*	6.0
7.0	77.7	26.4		84 800*	26 300	79 200*	17 900	73 600*	12 800	68 500	7.0
8.0	75.2	26.1		72 900*	21 400	68 100*	14 300	60 200	10 000	50 500	8.0
9.0	72.8	25.8		63 800*	17 800	58 900	11 600	46 900	7 800	39 300	9.0
10.0	70.2	25.5		56 600*	15 000	48 500	9 500	38 100	6 200	31 700	10.0
11.0	67.7	25.0		49 700	12 800	40 800	7 900	31 800	4 900	26 400	11.0
12.0	65.1	24.6		42 800	10 900	34 900	6 600	27 100	3 900	22 300	12.0
14.0	59.7	23.5		33 000	8 200	26 700	4 500	20 400	2 200	16 600	14.0
16.0	54.0	22.0		26 400	6 200	21 200	3 000	16 000		12 800	16.0
18.0	47.8	20.3		21 700	4 700	17 300	1 900	12 800		10 100	18.0
20.0	40.8	18.1		18 200	3 500	14 300		10 400		8 000	20.0
22.0	32.6	15.3		15 400	2 400	11 900		8 500		6 300	22.0
24.0	21.7	11.1		13 100	1 600	10 000		6 900		5 000	24.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

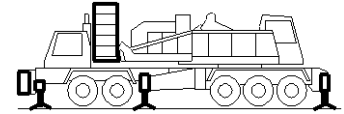
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	↑ NOT ALLOWED	124 100*	↑ NOT ALLOWED	122 300*	5.2
5.5	82.2	29.9		120 100*		120 100*		120 100*		115 400*	5.5
6.0	81.2	29.8		113 400*		113 400*		111 100*		106 100*	6.0
7.0	79.1	29.6		99 800*		99 800*		95 300*		90 500*	7.0
8.0	76.9	29.3		87 100*		87 100*		82 600*		77 800*	8.0
9.0	74.7	29.0	↑ NOT ALLOWED	76 700*	↑ NOT ALLOWED	76 700*	↑ NOT ALLOWED	72 400*	↑ NOT ALLOWED	68 100*	9.0
10.0	72.5	28.7		68 100*		68 100*		64 300*		60 400*	10.0
11.0	70.3	28.3		61 100*		61 100*		57 700*		54 200*	11.0
12.0	68.1	27.9		55 400*		55 400*		52 200*		49 000*	12.0
14.0	63.4	27.0		46 400*		46 400*		43 700*		39 500	14.0
16.0	58.6	25.8		39 700*		39 700*		37 000		31 800	16.0
18.0	53.4	24.4		34 500*		34 500*		30 900		26 400	18.0
20.0	47.9	22.6		30 400*		30 200		26 200		22 300	20.0
22.0	41.8	20.5		27 000*		26 000		22 600		19 100	22.0
24.0	34.8	17.8		24 000		22 800		19 600		16 500	24.0
26.0	26.2	14.2		21 100		20 100		17 200		14 300	26.0

Liftcrane Boom Capacities

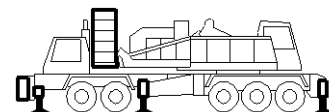
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	NOT ALLOWED	116 600*	42 300	110 000*	29 800	103 000*	22 200	98 700*	5.2
5.5	82.2	29.9		110 100*	38 500	103 800*	27 000	96 800*	20 000	92 500*	5.5
6.0	81.2	29.8		100 900*	33 600	94 300*	23 300	87 700*	17 100	83 700*	6.0
7.0	79.1	29.6		84 800*	26 400	79 200*	18 000	73 600*	12 900	68 700	7.0
8.0	76.9	29.3		72 900*	21 400	68 100*	14 400	60 700	10 000	51 000	8.0
9.0	74.7	29.0		63 800*	17 800	59 100	11 700	47 200	7 900	39 600	9.0
10.0	72.5	28.7		56 600*	15 000	48 800	9 600	38 400	6 300	32 000	10.0
11.0	70.3	28.3		50 000	12 800	41 000	7 900	32 100	5 000	26 600	11.0
12.0	68.1	27.9		43 000	11 000	35 200	6 600	27 300	3 900	22 500	12.0
14.0	63.4	27.0		33 200	8 300	26 900	4 600	20 600	2 300	16 800	14.0
16.0	58.6	25.8		26 600	6 200	21 400	3 100	16 200		13 000	16.0
18.0	53.4	24.4		21 900	4 700	17 400	1 900	12 900		10 200	18.0
20.0	47.9	22.6		18 400	3 500	14 400		10 500		8 100	20.0
22.0	41.8	20.5		15 600	2 500	12 100		8 600		6 500	22.0
24.0	34.8	17.8		13 400	1 700	10 200		7 100		5 200	24.0
26.0	26.2	14.2		11 500		8 600		5 800		4 000	26.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

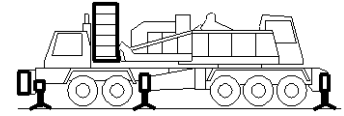
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	↑ NOT ALLOWED ↓	109 400*	↑ NOT ALLOWED ↓	109 400*	5.5
6.0	82.1	32.8		103 400*		103 400*		103 400*		103 400*	6.0
7.0	80.2	32.7		93 300*		93 300*		93 300*		90 600*	7.0
8.0	78.2	32.5		85 000*		85 000*		82 600*		77 700*	8.0
9.0	76.3	32.2		76 700*		76 700*		72 300*		68 000*	9.0
10.0	74.3	31.9	↑ NOT ALLOWED ↓	68 000*	↑ NOT ALLOWED ↓	68 000*	↑ NOT ALLOWED ↓	64 200*	↑ NOT ALLOWED ↓	60 300*	10.0
11.0	72.4	31.6		61 100*		61 100*		57 600*		54 100*	11.0
12.0	70.4	31.2		55 300*		55 300*		52 100*		48 900*	12.0
14.0	66.3	30.4		46 300*		46 300*		43 600*		39 600	14.0
16.0	62.1	29.4		39 600*		39 600*		37 000		31 900	16.0
18.0	57.6	28.1	↑ NOT ALLOWED ↓	34 400*	↑ NOT ALLOWED ↓	34 400*	↑ NOT ALLOWED ↓	30 900	↑ NOT ALLOWED ↓	26 400	18.0
20.0	53.0	26.7		30 300*		30 200		26 200		22 300	20.0
22.0	48.0	24.9		26 900*		26 100		22 600		19 100	22.0
24.0	42.6	22.9		24 000		22 800		19 700		16 500	24.0
26.0	36.5	20.3		21 200		20 100		17 300		14 400	26.0
28.0	29.3	17.0	↑ NOT ALLOWED ↓	18 800	↑ NOT ALLOWED ↓	17 800	↑ NOT ALLOWED ↓	15 200	↑ NOT ALLOWED ↓	12 600	28.0
30.0	19.8	12.4		16 800		15 900		13 500		11 000	30.0

Liftcrane Boom Capacities

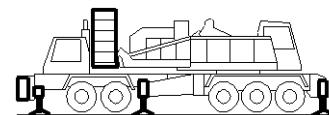
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

Meets
ANSI B30.5
Requirements



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	NOT ALLOWED	109 400*	38 700	103 900*	27 100	97 000*	20 100	92 600*	5.5
6.0	82.1	32.8		100 800*	33 600	94 200*	23 400	87 600*	17 100	83 600*	6.0
7.0	80.2	32.7		84 700*	26 400	79 100*	18 000	73 500*	12 900	68 800	7.0
8.0	78.2	32.5		72 800*	21 400	68 000*	14 300	61 000	10 000	51 300	8.0
9.0	76.3	32.2		63 700*	17 800	59 300	11 600	47 400	7 900	39 800	9.0
10.0	74.3	31.9		56 500*	15 000	49 000	9 500	38 600	6 200	32 200	10.0
11.0	72.4	31.6		50 200	12 700	41 200	7 900	32 200	4 900	26 800	11.0
12.0	70.4	31.2		43 100	11 000	35 200	6 500	27 400	3 800	22 600	12.0
14.0	66.3	30.4		33 200	8 200	26 900	4 500	20 700	2 200	16 900	14.0
16.0	62.1	29.4		26 600	6 200	21 400	3 000	16 200		13 000	16.0
18.0	57.6	28.1		21 900	4 700	17 400	1 900	13 000		10 300	18.0
20.0	53.0	26.7		18 400	3 500	14 500		10 500		8 200	20.0
22.0	48.0	24.9		15 600	2 500	12 100		8 700		6 500	22.0
24.0	42.6	22.9		13 400	1 700	10 300		7 100		5 200	24.0
26.0	36.5	20.3		11 500		8 700		5 800		4 100	26.0
28.0	29.3	17.0		10 000		7 400		4 800		3 200	28.0
30.0	19.8	12.4		8 600		6 200		3 800		2 300	30.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

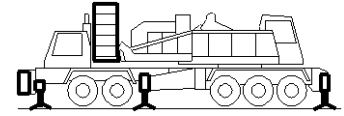
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

Meets
ANSI B30.5
Requirements

777T



33.5m (110 Ft.)

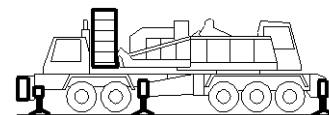
Boom



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*	↑ NOT ALLOWED ↓	94 700*	↑ NOT ALLOWED ↓	94 700*	6.1
7.0	81.1	35.8		86 700*		86 700*		86 700*		86 700*	7.0
8.0	79.3	35.6		79 300*		79 300*		79 300*		77 700*	8.0
9.0	77.6	35.3		72 800*		72 800*		72 100*		67 900*	9.0
10.0	75.8	35.1		67 200*		67 200*		64 100*		60 300*	10.0
11.0	74.0	34.8	↑ NOT ALLOWED ↓	61 000*	↑ NOT ALLOWED ↓	61 000*	↑ NOT ALLOWED ↓	57 500*	↑ NOT ALLOWED ↓	54 000*	11.0
12.0	72.2	34.5		55 200*		55 200*		52 000*		48 900*	12.0
14.0	68.6	33.7		46 200*		46 200*		43 500*		39 700	14.0
16.0	64.8	32.8		39 500*		39 500*		37 000		31 900	16.0
18.0	60.9	31.7		34 400*		34 400*		31 000		26 500	18.0
20.0	56.9	30.4	↑ NOT ALLOWED ↓	30 300*	↑ NOT ALLOWED ↓	30 200	↑ NOT ALLOWED ↓	26 300	↑ NOT ALLOWED ↓	22 300	20.0
22.0	52.6	29.0		26 900*		26 100		22 600		19 100	22.0
24.0	48.1	27.2		24 000		22 800		19 700		16 600	24.0
26.0	43.2	25.2		21 200		20 200		17 300		14 500	26.0
28.0	37.8	22.7		18 900		17 900		15 300		12 700	28.0
30.0	31.6	19.7	↑ NOT ALLOWED ↓	16 900	↑ NOT ALLOWED ↓	16 000	↑ NOT ALLOWED ↓	13 600	↑ NOT ALLOWED ↓	11 200	30.0
32.0	24.0	15.7		15 100		14 300		12 100		9 800	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 43 270 kg Crane Counterweight
With or Without 11 340 kg Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Retracted 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	NOT ALLOWED	94 700*	32 800	92 500*	22 800	86 000*	16 700	82 100*	6.1
7.0	81.1	35.8		85 100*	26 400	79 000*	18 000	73 400*	12 900	68 900	7.0
8.0	79.3	35.6		72 800*	21 400	67 900*	14 300	61 300	10 000	51 500	8.0
9.0	77.6	35.3		63 600*	17 800	59 400*	11 600	47 600	7 800	40 000	9.0
10.0	75.8	35.1		56 400*	15 000	49 200	9 500	38 700	6 200	32 400	10.0
11.0	74.0	34.8		50 200	12 700	41 300	7 800	32 300	4 900	26 900	11.0
12.0	72.2	34.5		43 200	10 900	35 300	6 500	27 500	3 800	22 800	12.0
14.0	68.6	33.7		33 300	8 200	27 000	4 500	20 700	2 200	16 900	14.0
16.0	64.8	32.8		26 700	6 100	21 400	3 000	16 200		13 000	16.0
18.0	60.9	31.7		22 000	4 600	17 500	1 800	13 000		10 300	18.0
20.0	56.9	30.4		18 400	3 400	14 500		10 600		8 200	20.0
22.0	52.6	29.0		15 700	2 500	12 200		8 700		6 600	22.0
24.0	48.1	27.2		13 400	1 600	10 300		7 100		5 200	24.0
26.0	43.2	25.2		11 600		8 700		5 900		4 100	26.0
28.0	37.8	22.7		10 100		7 400		4 800		3 200	28.0
30.0	31.6	19.7		8 700		6 300		3 900		2 400	30.0
32.0	24.0	15.7		7 600		5 300		3 100		1 700	32.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

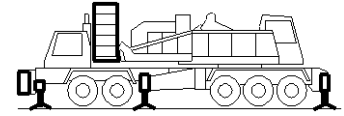
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	6.7
7.0	81.8	38.9		83 600*		83 600*		83 600*		83 600*	7.0
8.0	80.2	38.7		76 100*		76 100*		76 100*		76 100*	8.0
9.0	78.6	38.5		69 700*		69 700*		69 700*		68 200*	9.0
10.0	77.0	38.2		64 200*		64 200*		64 000*		60 300*	10.0
11.0	75.4	38.0	NOT ALLOWED	59 400*	NOT ALLOWED	59 400*	NOT ALLOWED	57 600*	NOT ALLOWED	54 100*	11.0
12.0	73.8	37.7		55 100*		55 100*		52 100*		48 900*	12.0
14.0	70.5	37.0		46 300*		46 300*		43 600*		39 900	14.0
16.0	67.1	36.2		39 600*		39 600*		37 000		32 100	16.0
18.0	63.6	35.2		34 400*		34 400*		31 100		26 600	18.0
20.0	60.0	34.1	NOT ALLOWED	30 400*	NOT ALLOWED	30 300	NOT ALLOWED	26 400	NOT ALLOWED	22 500	20.0
22.0	56.2	32.8		27 000*		26 300		22 800		19 300	22.0
24.0	52.3	31.3		24 100		23 000		19 900		16 700	24.0
26.0	48.2	29.5		21 400		20 300		17 400		14 600	26.0
28.0	43.7	27.5		19 100		18 100		15 500		12 800	28.0
30.0	38.9	25.1	↓	17 100	↓	16 100	↓	13 700	↓	11 400	30.0
32.0	33.4	22.3		15 400		14 500		12 300		10 000	32.0
34.0	27.0	18.7		13 900		13 100		11 000		8 900	34.0
36.0	18.4	13.6		12 500		11 800		9 800		7 900	36.0

Liftcrane Boom Capacities

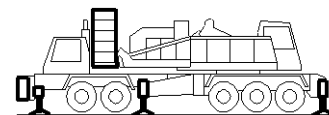
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	NOT ALLOWED	86 000*	28 400	83 100*	19 500	77 200*	14 100	73 700*	6.7
7.0	81.8	38.9		83 400*	26 700	79 300*	18 300	73 700*	13 100	68 900	7.0
8.0	80.2	38.7		72 800*	21 500	68 000*	14 400	61 700	10 100	51 800	8.0
9.0	78.6	38.5		63 700*	17 900	59 400*	11 700	47 900	8 000	40 300	9.0
10.0	77.0	38.2		56 500*	15 100	49 400	9 600	38 900	6 300	32 600	10.0
11.0	75.4	38.0		50 500	12 800	41 500	7 900	32 500	5 000	27 100	11.0
12.0	73.8	37.7		43 400	11 000	35 500	6 600	27 700	3 900	22 900	12.0
14.0	70.5	37.0		33 500	8 300	27 200	4 500	20 900	2 300	17 100	14.0
16.0	67.1	36.2		26 800	6 200	21 600	3 100	16 400		13 200	16.0
18.0	63.6	35.2		22 100	4 700	17 600	1 900	13 200		10 400	18.0
20.0	60.0	34.1		18 600	3 500	14 700		10 700		8 300	20.0
22.0	56.2	32.8		15 800	2 600	12 300		8 800		6 700	22.0
24.0	52.3	31.3		13 600	1 800	10 400		7 300		5 400	24.0
26.0	48.2	29.5		11 800		8 900		6 000		4 300	26.0
28.0	43.7	27.5		10 200		7 600		5 000		3 400	28.0
30.0	38.9	25.1		8 900		6 500		4 100		2 600	30.0
32.0	33.4	22.3		7 800		5 500		3 300		1 900	32.0
34.0	27.0	18.7		6 800		4 700		2 600		1 300	34.0
36.0	18.4	13.6		5 900		3 900		2 000			36.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

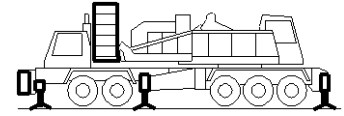
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	6.7
7.0	82.5	42.0		78 700*		78 700*		78 700*		78 700*	7.0
8.0	81.0	41.8		72 300*		72 300*		72 300*		72 300*	8.0
9.0	79.5	41.6		66 800*		66 800*		66 800*		66 800*	9.0
10.0	78.0	41.4		61 900*		61 900*		61 900*		60 200*	10.0
11.0	76.5	41.1	NOT	57 300*	NOT	57 300*	NOT	57 300*	NOT	54 000*	11.0
12.0	75.1	40.9		53 100*		53 100*		52 000*		48 800*	12.0
14.0	72.0	40.2		46 000*		46 000*		43 400*		39 900	14.0
16.0	68.9	39.5		39 500*		39 500*		36 900		32 000	16.0
18.0	65.8	38.6		34 300*		34 300*		31 100		26 500	18.0
20.0	62.5	37.6	ALLOWED	30 200*	ALLOWED	30 100	ALLOWED	26 400	ALLOWED	22 400	20.0
22.0	59.2	36.4		26 800*		26 200		22 700		19 200	22.0
24.0	55.7	35.1		24 000*		22 900		19 800		16 600	24.0
26.0	52.1	33.6		21 300		20 200		17 400		14 500	26.0
28.0	48.3	31.8		19 000		18 000		15 400		12 700	28.0
30.0	44.2	29.9	↓	17 000	↓	16 100	↓	13 700	↓	11 300	30.0
32.0	39.8	27.5		15 300		14 400		12 200		9 900	32.0
34.0	34.9	24.8		13 800		13 000		10 900		8 800	34.0
36.0	29.2	21.5		12 500		11 700		9 800		7 800	36.0
38.0	22.3	17.1		11 300		10 600		8 800		6 900	38.0

Liftcrane Boom Capacities

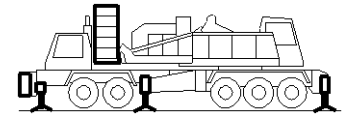
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ NOT ALLOWED ↓	80 700*	28 300	80 700*	19 500	77 100*	14 100	73 500*	6.7
7.0	82.5	42.0		78 700*	26 600	78 000*	18 200	73 600*	13 000	69 000	7.0
8.0	81.0	41.8		72 200*	21 500	67 800*	14 400	61 900	10 100	52 100	8.0
9.0	79.5	41.6		63 600*	17 800	59 300*	11 600	48 100	7 800	40 500	9.0
10.0	78.0	41.4		56 300*	15 000	49 500	9 500	39 000	6 200	32 700	10.0
11.0	76.5	41.1		50 400	12 700	41 500	7 800	32 600	4 900	27 100	11.0
12.0	75.1	40.9		43 400	10 900	35 600	6 500	27 700	3 800	23 000	12.0
14.0	72.0	40.2		33 400	8 100	27 200	4 400	20 900	2 200	17 100	14.0
16.0	68.9	39.5		26 800	6 100	21 600	2 900	16 400		13 200	16.0
18.0	65.8	38.6		22 100	4 600	17 600	1 800	13 100		10 400	18.0
20.0	62.5	37.6		18 500	3 400	14 600		10 700		8 300	20.0
22.0	59.2	36.4		15 700	2 400	12 200		8 700		6 600	22.0
24.0	55.7	35.1		13 500	1 600	10 300		7 200		5 300	24.0
26.0	52.1	33.6		11 700		8 800		5 900		4 200	26.0
28.0	48.3	31.8		10 100		7 500		4 900		3 300	28.0
30.0	44.2	29.9		8 800		6 400		4 000		2 500	30.0
32.0	39.8	27.5		7 700		5 400		3 200		1 900	32.0
34.0	34.9	24.8		6 700		4 600		2 500		1 300	34.0
36.0	29.2	21.5		5 900		3 900		1 900			36.0
38.0	22.3	17.1		5 100		3 200		1 400			38.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

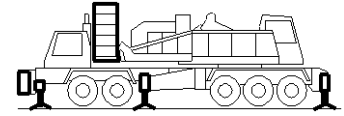
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	7.3
8.0	81.6	44.9		69 100*		69 100*		69 100*		69 100*	8.0
9.0	80.3	44.7		63 600*		63 600*		63 600*		63 600*	9.0
10.0	78.9	44.5		58 800*		58 800*		58 800*		58 800*	10.0
11.0	77.5	44.3		54 500*		54 500*		54 500*		53 800*	11.0
12.0	76.1	44.0	N O T	50 500*	N O T	50 500*	N O T	50 500*	N O T	48 700*	12.0
14.0	73.3	43.4		43 700*		43 700*		43 400*		39 800	14.0
16.0	70.5	42.7		38 200*		38 200*		36 800		32 000	16.0
18.0	67.6	41.9		33 700*		33 700*		31 000		26 500	18.0
20.0	64.7	41.0		30 000*		29 900		26 300		22 400	20.0
22.0	61.6	40.0	A L L O W E D	26 700*	A L L O W E D	26 100	A L L O W E D	22 600	A L L O W E D	19 100	22.0
24.0	58.5	38.8		23 900*		22 800		19 700		16 500	24.0
26.0	55.2	37.4		21 200		20 100		17 300		14 400	26.0
28.0	51.9	35.9		18 900		17 900		15 300		12 700	28.0
30.0	48.3	34.1		16 900		16 000		13 600		11 200	30.0
32.0	44.5	32.2	↓	15 200	↓	14 300	↓	12 100	↓	9 800	32.0
34.0	40.5	29.9		13 700		12 900		10 800		8 700	34.0
36.0	36.1	27.3		12 400		11 700		9 700		7 700	36.0
38.0	31.1	24.1		11 300		10 600		8 700		6 800	38.0
40.0	25.2	20.2		10 200		9 600		7 800		6 100	40.0
42.0	17.4	14.8		9 300		8 600		7 000		5 300	42.0

Liftcrane Boom Capacities

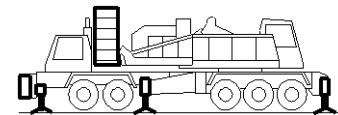
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	NOT ALLOWED	72 800*	24 700	72 800*	16 700	69 700*	7.3
8.0	81.6	44.9		69 100*	21 400	67 800*	14 300	62 100	8.0
9.0	80.3	44.7		63 200*	17 700	59 100*	11 500	48 200	9.0
10.0	78.9	44.5		56 200*	14 800	49 600	9 400	39 100	10.0
11.0	77.5	44.3		50 300	12 600	41 600	7 700	32 600	11.0
12.0	76.1	44.0		43 400	10 800	35 600	6 400	27 700	12.0
14.0	73.3	43.4		33 400	8 000	27 200	4 300	20 900	14.0
16.0	70.5	42.7		26 700	6 000	21 500	2 800	16 300	16.0
18.0	67.6	41.9		22 000	4 400	17 500	1 700	13 000	18.0
20.0	64.7	41.0		18 400	3 200	14 500		10 600	20.0
22.0	61.6	40.0		15 600	2 300	12 200		8 700	22.0
24.0	58.5	38.8		13 400	1 500	10 300		7 100	24.0
26.0	55.2	37.4		11 600		8 700		5 900	26.0
28.0	51.9	35.9		10 000		7 400		4 800	28.0
30.0	48.3	34.1		8 700		6 300		3 900	30.0
32.0	44.5	32.2		7 600		5 400		3 100	32.0
34.0	40.5	29.9		6 600		4 500		2 500	34.0
36.0	36.1	27.3		5 800		3 800		1 800	36.0
38.0	31.1	24.1		5 000		3 200		1 300	38.0
40.0	25.2	20.2		4 300		2 600			40.0
42.0	17.4	14.8		3 700		2 000			42.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

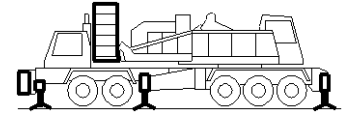
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	7.9
8.0	82.2	48.0		72 700*		72 700*		72 700*		72 700*	8.0
9.0	80.9	47.8		67 900*		67 900*		67 900*		67 300*	9.0
10.0	79.7	47.6		61 400*		61 400*		61 400*		59 800*	10.0
11.0	78.4	47.4		56 000*		56 000*		56 000*		53 500*	11.0
12.0	77.1	47.2	NOT ALLOWED	51 500*	NOT ALLOWED	51 500*	NOT ALLOWED	51 400*	NOT ALLOWED	48 400*	12.0
14.0	74.5	46.6		44 500*		44 500*		43 000*		39 700	14.0
16.0	71.9	46.0		39 000*		39 000*		36 600		31 800	16.0
18.0	69.2	45.2		33 900*		33 900*		30 900		26 300	18.0
20.0	66.5	44.4		29 800*		29 700		26 100		22 100	20.0
22.0	63.7	43.4	NOT ALLOWED	26 400*	NOT ALLOWED	25 900	NOT ALLOWED	22 400	NOT ALLOWED	18 900	22.0
24.0	60.8	42.3		23 600*		22 600		19 500		16 300	24.0
26.0	57.9	41.1		21 000		19 900		17 000		14 200	26.0
28.0	54.8	39.7		18 600		17 600		15 000		12 400	28.0
30.0	51.7	38.2		16 700		15 700		13 300		10 900	30.0
32.0	48.4	36.4	NOT ALLOWED	15 000	NOT ALLOWED	14 100	NOT ALLOWED	11 800	NOT ALLOWED	9 600	32.0
34.0	44.8	34.5		13 400		12 700		10 600		8 500	34.0
36.0	41.1	32.3		12 200		11 400		9 500		7 500	36.0
38.0	37.1	29.7		11 000		10 300		8 500		6 600	38.0
40.0	32.6	26.7		10 000		9 300		7 600		5 800	40.0
42.0	27.4	23.1	NOT ALLOWED	9 000	NOT ALLOWED	8 400	NOT ALLOWED	6 800	NOT ALLOWED	5 100	42.0
44.0	21.1	18.5		8 200		7 600		6 000		4 500	44.0

Liftcrane Boom Capacities

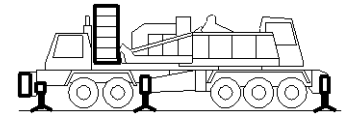
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ N O T A L L O W E D ↓	73 000*	21 600	68 200*	7.9
8.0	82.2	48.0		72 300*	21 300	67 500*	8.0
9.0	80.9	47.8		63 200*	17 500	58 900*	9.0
10.0	79.7	47.6		55 900*	14 600	49 700	10.0
11.0	78.4	47.4		50 000	12 400	41 600	11.0
12.0	77.1	47.2		43 400	10 600	35 500	12.0
14.0	74.5	46.6		33 300	7 800	27 100	14.0
16.0	71.9	46.0		26 600	5 700	21 400	16.0
18.0	69.2	45.2		21 800	4 200	17 400	18.0
20.0	66.5	44.4		18 200	3 000	14 300	20.0
22.0	63.7	43.4	↑ N O T A L L O W E D ↓	15 400	2 000	11 900	22.0
24.0	60.8	42.3		13 200	1 200	10 000	24.0
26.0	57.9	41.1		11 300		8 500	26.0
28.0	54.8	39.7		9 800		7 200	28.0
30.0	51.7	38.2		8 500		6 100	30.0
32.0	48.4	36.4		7 400		5 100	32.0
34.0	44.8	34.5		6 400		4 300	34.0
36.0	41.1	32.3		5 500		3 600	36.0
38.0	37.1	29.7		4 800		2 900	38.0
40.0	32.6	26.7		4 100		2 300	40.0
42.0	27.4	23.1	↑ N O T A L L O W E D ↓	3 500		1 800	42.0
44.0	21.1	18.5		2 900		1 300	44.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

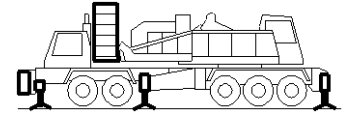
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	7.9
8.0	82.7	51.0		70 400*		70 400*		70 400*		70 400*	8.0
9.0	81.5	50.9		66 300*		66 300*		66 300*		66 300*	9.0
10.0	80.3	50.7		60 100*		60 100*		60 100*		59 700*	10.0
11.0	79.1	50.5		54 700*		54 700*		54 700*		53 400*	11.0
12.0	77.9	50.3	↓	50 300*	↓	50 300*	↓	50 300*	↓	48 200*	12.0
14.0	75.5	49.8		43 400*		43 400*		42 900*		39 700	14.0
16.0	73.0	49.2		38 300*		38 300*		36 500		31 700	16.0
18.0	70.6	48.5		33 700*		33 700*		30 800		26 200	18.0
20.0	68.0	47.7		29 600*		29 600		26 000		22 100	20.0
22.0	65.4	46.8	↓	26 200*	↓	25 800	↓	22 300	↓	18 800	22.0
24.0	62.8	45.8		23 400*		22 500		19 400		16 200	24.0
26.0	60.1	44.7		20 900		19 800		16 900		14 100	26.0
28.0	57.3	43.4		18 500		17 500		14 900		12 300	28.0
30.0	54.5	42.0		16 500		15 600		13 200		10 800	30.0
32.0	51.5	40.5	↓	14 800	↓	14 000	↓	11 700	↓	9 500	32.0
34.0	48.4	38.7		13 400		12 600		10 500		8 400	34.0
36.0	45.1	36.8		12 000		11 300		9 300		7 400	36.0
38.0	41.6	34.6		10 900		10 200		8 300		6 500	38.0
40.0	37.9	32.1		9 900		9 200		7 500		5 700	40.0
42.0	33.8	29.3	↓	9 000	↓	8 300	↓	6 600	↓	5 000	42.0
44.0	29.2	25.9		8 100		7 500		6 000		4 400	44.0
46.0	23.8	21.7		7 300		6 800		5 300		3 800	46.0
48.0	16.7	16.0		6 600		6 100		4 700		3 200	48.0

Liftcrane Boom Capacities

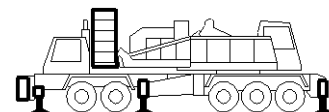
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ NOT ALLOWED ↓	70 700*	21 500	68 000*	7.9
8.0	82.7	51.0		70 200*	21 100	67 300*	8.0
9.0	81.5	50.9		63 200*	17 400	58 700*	9.0
10.0	80.3	50.7		55 800*	14 500	49 700	10.0
11.0	79.1	50.5		49 900	12 200	41 500	11.0
12.0	77.9	50.3		43 400	10 400	35 500	12.0
14.0	75.5	49.8		33 200	7 600	27 000	14.0
16.0	73.0	49.2		26 500	5 600	21 300	16.0
18.0	70.6	48.5		21 700	4 000	17 300	18.0
20.0	68.0	47.7		18 100	2 800	14 200	20.0
22.0	65.4	46.8		15 300	1 900	11 800	22.0
24.0	62.8	45.8		13 100	1 000	9 900	24.0
26.0	60.1	44.7		11 200		8 400	26.0
28.0	57.3	43.4		9 700		7 000	28.0
30.0	54.5	42.0		8 400		6 000	30.0
32.0	51.5	40.5		7 300		5 000	32.0
34.0	48.4	38.7		6 300		4 200	34.0
36.0	45.1	36.8		5 400		3 400	36.0
38.0	41.6	34.6		4 700		2 800	38.0
40.0	37.9	32.1		4 000		2 200	40.0
42.0	33.8	29.3		3 400		1 700	42.0
44.0	29.2	25.9		2 800		1 200	44.0
46.0	23.8	21.7		2 300			46.0
48.0	16.7	16.0		1 800			48.0

Liftcrane Boom Capacities

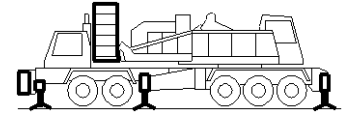
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

Meets
ANSI B30.5
Requirements



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	↑	66 900*	↑	66 900*	↑	66 900*	↑	66 900*	8.5
9.0	82.0	54.0		65 100*		65 100*		65 100*		65 100*	9.0
10.0	80.9	53.8		58 900*		58 900*		58 900*		58 900*	10.0
11.0	79.8	53.6		53 600*		53 600*		53 600*		53 400*	11.0
12.0	78.6	53.4		49 200*		49 200*		49 200*		48 200*	12.0
14.0	76.4	53.0	NOT	42 400*	NOT	42 400*	NOT	42 300*	NOT	39 700	14.0
16.0	74.1	52.4		37 300*		37 300*		36 500		31 700	16.0
18.0	71.7	51.7		33 300*		33 300*		30 800		26 200	18.0
20.0	69.4	51.0		29 500*		29 500		26 000		22 100	20.0
22.0	67.0	50.2		26 200*		25 800		22 300		18 800	22.0
24.0	64.5	49.2	ALLOWED	23 400*	ALLOWED	22 500	ALLOWED	19 300	ALLOWED	16 200	24.0
26.0	62.1	48.2		20 800		19 800		16 900		14 100	26.0
28.0	59.5	47.0		18 500		17 500		14 900		12 300	28.0
30.0	56.9	45.8		16 500		15 600		13 200		10 800	30.0
32.0	54.2	44.3		14 800		14 000		11 700		9 500	32.0
34.0	51.4	42.8	↓	13 400	↓	12 600	↓	10 500	↓	8 400	34.0
36.0	48.4	41.0		12 000		11 300		9 300		7 400	36.0
38.0	45.4	39.1		10 900		10 200		8 300		6 500	38.0
40.0	42.1	37.0		9 900		9 200		7 500		5 700	40.0
42.0	38.6	34.5		9 000		8 300		6 700		5 000	42.0
44.0	34.9	31.8	↓	8 100	↓	7 500	↓	6 000	↓	4 400	44.0
46.0	30.7	28.6		7 400		6 800		5 300		3 800	46.0
48.0	25.9	24.7		6 700		6 100		4 700		3 300	48.0
50.0	20.0	19.8		6 000		5 500		4 200		2 800	50.0

Liftcrane Boom Capacities

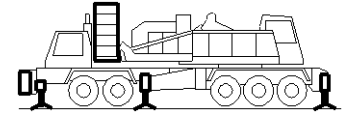
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ N O T A L L O W E D ↓	66 900*
9.0	82.0	54.0		63 000*
10.0	80.9	53.8		55 700*
11.0	79.8	53.6		49 900
12.0	78.6	53.4		43 400
14.0	76.4	53.0		33 200
16.0	74.1	52.4		26 500
18.0	71.7	51.7		21 700
20.0	69.4	51.0		18 100
22.0	67.0	50.2		15 300
24.0	64.5	49.2	↑ N O T A L L O W E D ↓	13 100
26.0	62.1	48.2		11 200
28.0	59.5	47.0		9 700
30.0	56.9	45.8		8 400
32.0	54.2	44.3		7 300
34.0	51.4	42.8		6 300
36.0	48.4	41.0		5 400
38.0	45.4	39.1		4 700
40.0	42.1	37.0		4 000
42.0	38.6	34.5		3 400
44.0	34.9	31.8	↑ N O T A L L O W E D ↓	2 800
46.0	30.7	28.6		2 300
48.0	25.9	24.7		1 900
50.0	20.0	19.8		1 400

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

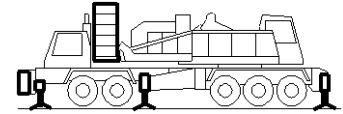
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑	60 500*	↑	60 500*	↑	60 500*	↑	60 500*	8.5
9.0	82.5	57.1		58 900*		58 900*		58 900*		58 900*	9.0
10.0	81.4	56.9		55 900*		55 900*		55 900*		55 900*	10.0
11.0	80.3	56.7		52 300*		52 300*		52 300*		52 300*	11.0
12.0	79.3	56.5		48 000*		48 000*		48 000*		47 900*	12.0
14.0	77.1	56.1	↑	41 200*	↑	41 200*	↑	41 200*	↑	39 700	14.0
16.0	75.0	55.6		36 200*		36 200*		36 100		31 700	16.0
18.0	72.8	55.0		32 300*		32 300*		30 700		26 100	18.0
20.0	70.6	54.3		29 100*		29 100		25 900		21 900	20.0
22.0	68.3	53.5		26 000*		25 700		22 200		18 700	22.0
24.0	66.1	52.6	↑	23 200*	↑	22 300	↑	19 200	↑	16 000	24.0
26.0	63.7	51.6		20 700		19 600		16 800		13 900	26.0
28.0	61.4	50.6		18 400		17 400		14 700		12 100	28.0
30.0	58.9	49.4		16 400		15 500		13 000		10 600	30.0
32.0	56.5	48.1		14 600		13 800		11 600		9 300	32.0
34.0	53.9	46.7	↑	13 200	↑	12 400	↑	10 300	↑	8 200	34.0
36.0	51.2	45.1		11 900		11 100		9 200		7 200	36.0
38.0	48.5	43.3		10 700		10 000		8 200		6 300	38.0
40.0	45.6	41.4		9 700		9 000		7 300		5 600	40.0
42.0	42.5	39.3		8 800		8 200		6 500		4 900	42.0
44.0	39.3	36.9	↑	8 000	↑	7 400	↑	5 800	↑	4 200	44.0
46.0	35.8	34.2		7 200		6 700		5 100		3 600	46.0
48.0	32.0	31.2		6 500		6 000		4 500		3 100	48.0
50.0	27.7	27.6		5 900		5 400		4 000		2 700	50.0
52.0	22.6	23.2		5 300		4 800		3 500		2 200	52.0
54.0	16.0	17.2		4 700		4 300		3 000		1 700	54.0

Liftcrane Boom Capacities

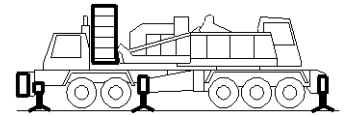
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑	60 500*
9.0	82.5	57.1		58 900*
10.0	81.4	56.9		55 400*
11.0	80.3	56.7		49 700
12.0	79.3	56.5		43 400
14.0	77.1	56.1		33 200
16.0	75.0	55.6	N O T A L L O W E D ↓	26 400
18.0	72.8	55.0		21 600
20.0	70.6	54.3		18 000
22.0	68.3	53.5		15 200
24.0	66.1	52.6		12 900
26.0	63.7	51.6		11 100
28.0	61.4	50.6		9 500
30.0	58.9	49.4		8 200
32.0	56.5	48.1		7 100
34.0	53.9	46.7		6 100
36.0	51.2	45.1		5 200
38.0	48.5	43.3		4 500
40.0	45.6	41.4		3 800
42.0	42.5	39.3		3 200
44.0	39.3	36.9		2 600
46.0	35.8	34.2		2 200
48.0	32.0	31.2		1 700
50.0	27.7	27.6		1 300

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

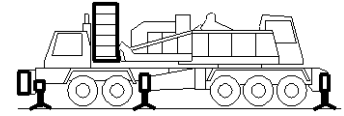
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	▲	54 900*	▲	54 900*	▲	54 900*	▲	54 900*	9.1
10.0	81.9	60.0		52 200*		52 200*		52 200*		52 200*	10.0
11.0	80.9	59.8		49 400*		49 400*		49 400*		49 400*	11.0
12.0	79.8	59.6		46 600*		46 600*		46 600*		46 600*	12.0
14.0	77.8	59.2		40 100*		40 100*		40 100*		39 700	14.0
16.0	75.8	58.7		35 200*		35 200*		35 200*		31 600	16.0
18.0	73.7	58.2		31 300*		31 300*		30 500		26 000	18.0
20.0	71.6	57.5		28 200*		28 200*		25 700		21 800	20.0
22.0	69.5	56.8		25 600*		25 400		22 000		18 500	22.0
24.0	67.4	56.0		23 100*		22 200		19 100		15 900	24.0
26.0	65.2	55.0		20 600		19 500		16 600		13 800	26.0
28.0	63.0	54.0		18 200		17 200		14 600		12 000	28.0
30.0	60.8	52.9		16 200		15 300		12 900		10 500	30.0
32.0	58.4	51.7		14 500		13 700		11 400		9 200	32.0
34.0	56.1	50.4		13 000		12 200		10 100		8 000	34.0
36.0	53.6	49.0		11 700		11 000		9 000		7 100	36.0
38.0	51.1	47.4		10 600		9 900		8 000		6 200	38.0
40.0	48.5	45.6		9 600		8 900		7 100		5 400	40.0
42.0	45.8	43.7		8 600		8 000		6 300		4 700	42.0
44.0	42.9	41.6		7 800		7 200		5 600		4 100	44.0
46.0	39.8	39.3		7 100		6 500		5 000		3 500	46.0
48.0	36.6	36.7		6 400		5 800		4 400		3 000	48.0
50.0	33.1	33.7		5 700		5 200		3 800		2 500	50.0
52.0	29.2	30.3		5 200		4 700		3 400		2 000	52.0
54.0	24.7	26.3		4 600		4 100		2 900		1 600	54.0
56.0	19.2	21.1		4 100		3 600		2 400		1 200	56.0

Liftcrane Boom Capacities

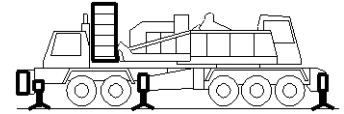
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑	48 000*	↑	48 000*	↑	48 000*	↑	48 000*	9.8
10.0	82.3	63.1		47 300*		47 300*		47 300*		47 300*	10.0
11.0	81.3	62.9		44 800*		44 800*		44 800*		44 800*	11.0
12.0	80.4	62.7		42 400*		42 400*		42 400*		42 400*	12.0
14.0	78.4	62.3		38 100*		38 100*		38 100*		37 900	14.0
16.0	76.5	61.9	↓	34 100*	↓	34 100*	↓	34 100*	↓	31 700	16.0
18.0	74.6	61.3		30 500*		30 500*		30 200		25 900	18.0
20.0	72.6	60.7		27 400*		27 400*		25 600		21 700	20.0
22.0	70.6	60.0		24 600*		24 600*		21 900		18 400	22.0
24.0	68.6	59.2		22 200*		22 000		18 900		15 800	24.0
26.0	66.6	58.4	NOT ALLOWED	20 100*	NOT ALLOWED	19 300	NOT ALLOWED	16 500	NOT ALLOWED	13 600	26.0
28.0	64.5	57.5		18 100		17 100		14 400		11 800	28.0
30.0	62.4	56.4		16 000		15 100		12 700		10 300	30.0
32.0	60.2	55.3		14 300		13 500		11 200		9 000	32.0
34.0	58.0	54.1		12 900		12 100		10 000		7 900	34.0
36.0	55.7	52.7	NOT ALLOWED	11 500	NOT ALLOWED	10 800	NOT ALLOWED	8 800	NOT ALLOWED	6 900	36.0
38.0	53.4	51.3		10 400		9 700		7 800		6 000	38.0
40.0	51.0	49.7		9 400		8 700		7 000		5 200	40.0
42.0	48.5	47.9		8 500		7 800		6 200		4 500	42.0
44.0	45.9	46.0		7 600		7 000		5 500		3 900	44.0
46.0	43.2	44.0	↓	6 900	↓	6 300	↓	4 800	↓	3 300	46.0
48.0	40.4	41.7		6 100*		5 600		4 200		2 800	48.0
50.0	37.3	39.1		5 300*		5 000		3 700		2 300	50.0
52.0	34.0	36.3		4 600*		4 500		3 200		1 900	52.0
54.0	30.4	33.0		4 000*		3 900		2 700		1 400	54.0
56.0	26.4	29.2	↓	3 300*	↓	3 300*	↓	2 300	↓	1 100	56.0
58.0	21.6	24.6		2 700*		2 700*		1 900			58.0
60.0	15.5	18.4		2 200*		2 200*		1 500			60.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

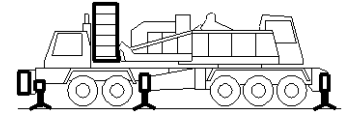
0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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	↑ NOT ALLOWED ↓	48 100*	↑ NOT ALLOWED ↓	48 100*	↑ NOT ALLOWED ↓	48 100*	10.4
11.0	81.7	66.0		46 700*		46 700*		46 700*	11.0
12.0	80.8	65.8		44 600*		44 600*		44 600*	12.0
14.0	79.0	65.5		38 800*		38 800*		38 800*	14.0
16.0	77.2	65.0		33 900*		33 900*		33 900*	16.0
18.0	75.3	64.5		30 100*		30 100*		30 000	18.0
20.0	73.5	63.9		27 100*		27 100*		25 500	20.0
22.0	71.6	63.3		24 500*		24 500*		21 800	22.0
24.0	69.7	62.5		22 300*		21 900		18 800	24.0
26.0	67.7	61.7		20 300		19 200		16 400	26.0
28.0	65.8	60.8	↑ NOT ALLOWED ↓	18 000	↑ NOT ALLOWED ↓	16 900	↑ NOT ALLOWED ↓	14 300	28.0
30.0	63.8	59.9		15 900		15 000		12 600	30.0
32.0	61.8	58.8		14 200		13 400		11 200	32.0
34.0	59.7	57.7		12 700		12 000		9 900	34.0
36.0	57.6	56.4		11 400		10 700		8 700	36.0
38.0	55.4	55.0		10 300		9 600		7 800	38.0
40.0	53.2	53.6		9 200		8 600		6 900	40.0
42.0	50.9	52.0		8 300		7 700		6 100	42.0
44.0	48.5	50.2		7 500		6 900		5 400	44.0
46.0	46.1	48.3		6 800		6 200		4 700	46.0
48.0	43.5	46.3	↑ NOT ALLOWED ↓	6 100	↑ NOT ALLOWED ↓	5 600	↑ NOT ALLOWED ↓	4 100	48.0
50.0	40.8	44.0		5 400		4 900		3 600	50.0
52.0	37.9	41.5		4 900		4 400		3 100	52.0
54.0	34.9	38.8		4 400		3 900		2 600	54.0
56.0	31.5	35.6		3 800		3 400		2 200	56.0
58.0	27.9	32.0		3 400		3 000		1 800	58.0
60.0	23.6	27.7		3 000		2 500		1 400	60.0
62.0	18.5	22.4		2 500		2 100		1 000	62.0
64.0	11.2	14.5		2 100		1 800			64.0

Liftcrane Boom Capacities

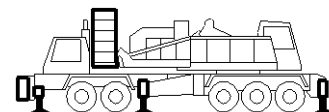
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*	▲	48 800*	11.0
12.0	81.2	68.9		44 400*		44 400*		44 400*	12.0
14.0	79.5	68.6		37 800*		37 800*		37 800*	14.0
16.0	77.8	68.1		33 000*		33 000*		33 000*	16.0
18.0	76.0	67.7		29 200*		29 200*		29 200*	18.0
20.0	74.2	67.1	NOT ALLOWED	26 200*	NOT ALLOWED	26 200*	NOT ALLOWED	25 500	20.0
22.0	72.4	66.5		23 800*		23 800*		21 700	22.0
24.0	70.6	65.8		21 600*		21 600*		18 700	24.0
26.0	68.8	65.0		19 900		19 200		16 300	26.0
28.0	66.9	64.2		17 900		16 900		14 300	28.0
30.0	65.1	63.3		15 900		15 000		12 500	30.0
32.0	63.2	62.3		14 200		13 300		11 100	32.0
34.0	61.2	61.2		12 700		11 900		9 800	34.0
36.0	59.2	60.0		11 400		10 600		8 700	36.0
38.0	57.2	58.7		10 200		9 500		7 700	38.0
40.0	55.1	57.4	NOT ALLOWED	9 200	NOT ALLOWED	8 500	NOT ALLOWED	6 800	40.0
42.0	53.0	55.9		8 300		7 700		6 000	42.0
44.0	50.8	54.3		7 500		6 900		5 300	44.0
46.0	48.6	52.5		6 700		6 100		4 600	46.0
48.0	46.2	50.7		6 000		5 500		4 100	48.0
50.0	43.8	48.6		5 400		4 900		3 500	50.0
52.0	41.2	46.4		4 800		4 300		3 000	52.0
54.0	38.5	43.9		4 300		3 800		2 600	54.0
56.0	35.6	41.2		3 800		3 300		2 100	56.0
58.0	32.5	38.2		3 300		2 900		1 700	58.0
60.0	29.1	34.8	NOT ALLOWED	2 900	NOT ALLOWED	2 500	NOT ALLOWED	1 300	60.0
62.0	25.3	30.8		2 500		2 100		1 000	62.0
64.0	20.8	25.9		2 100		1 700			64.0
66.0	15.1	19.5		1 800		1 400			66.0

Liftcrane Boom Capacities

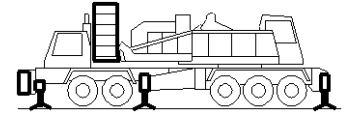
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*		19 000	26.0
28.0	68.0	67.5		17 600		16 700	28.0
30.0	66.2	66.6	↓	15 700	↓	14 800	30.0
32.0	64.4	65.7		14 000		13 200	32.0
34.0	62.6	64.7		12 500		11 700	34.0
36.0	60.7	63.5		11 200		10 400	36.0
38.0	58.8	62.3		10 000		9 300	38.0
40.0	56.9	61.1		9 000		8 300	40.0
42.0	54.9	59.7		8 100		7 500	42.0
44.0	52.8	58.2		7 200		6 600	44.0
46.0	50.7	56.6		6 500		5 900	46.0
48.0	48.6	54.8		5 800		5 300	48.0
50.0	46.3	53.0	↓	5 200	↓	4 700	50.0
52.0	44.0	50.9		4 600		4 100	52.0
54.0	41.6	48.7		4 100		3 600	54.0
56.0	39.0	46.3		3 600		3 100	56.0
58.0	36.3	43.7		3 200		2 700	58.0
60.0	33.4	40.7		2 700		2 300	60.0
62.0	30.2	37.4		2 300		1 900	62.0
64.0	26.7	33.7		1 900		1 500	64.0
66.0	22.8	29.2		1 600*		1 200	66.0
68.0	17.9	23.6		1 100*			68.0

Liftcrane Boom Capacities

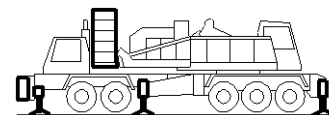
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted 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*		16 600	28.0
30.0	67.3	69.9		15 500		14 600	30.0
32.0	65.6	69.1	↑ NOT ALLOWED ↓	13 800	↑ NOT ALLOWED ↓	13 000	32.0
34.0	63.8	68.1		12 300		11 500	34.0
36.0	62.1	67.0		11 000		10 300	36.0
38.0	60.3	65.9		9 800		9 200	38.0
40.0	58.4	64.7		8 800		8 200	40.0
42.0	56.6	63.4		7 900		7 300	42.0
44.0	54.6	62.0		7 100		6 500	44.0
46.0	52.7	60.5		6 300		5 800	46.0
48.0	50.7	58.9		5 600		5 100	48.0
50.0	48.6	57.1		4 900*		4 500	50.0
52.0	46.5	55.3	↑ NOT ALLOWED ↓	4 200*	↑ NOT ALLOWED ↓	3 900	52.0
54.0	44.2	53.3		3 500*		3 400	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

Liftcrane Boom Capacities

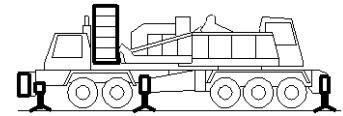
Boom No. 78T With Heavy Lift Top

0 Lb. to 43 270 kg Crane Counterweight

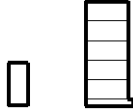
With or Without 11 340 kg Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Retracted Outriggers

**Meets
ANSI B30.5
Requirements**

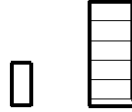


**76.2m (250 Ft.)
Boom**



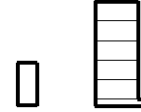
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.0	77.9	↑	36 500*
14.0	80.8	77.9		35 800*
16.0	79.3	77.5		30 900*
18.0	77.7	77.1		27 200*
20.0	76.2	76.6		24 200*
22.0	74.6	76.0		21 800*
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	N O T A L L O W E D ↓	13 600
34.0	64.9	71.5		12 100
36.0	63.3	70.5		10 800
38.0	61.6	69.4		9 700
40.0	59.8	68.3		8 600
42.0	58.1	67.0		7 700
44.0	56.3	65.7		6 900
46.0	54.4	64.3		6 100
48.0	52.5	62.8		5 400
50.0	50.6	61.2		4 800
52.0	48.6	59.5	↓	4 200
54.0	46.6	57.6		3 700
56.0	44.4	55.6		3 200
58.0	42.2	53.4		2 700
60.0	39.9	51.1		2 300
62.0	37.5	48.5		1 900
64.0	34.9	45.7		1 500
66.0	32.1	42.7	1 200	

**79.2m (260 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.3	81.0	↑	34 200*
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	NOT ALLOWED	13 400*
34.0	66.0	74.8		12 000
36.0	64.4	73.9		10 600
38.0	62.8	72.9		9 500
40.0	61.1	71.8		8 400
42.0	59.4	70.6		7 500
44.0	57.7	69.4		6 700
46.0	56.0	68.1		5 900
48.0	54.2	66.6		5 200
50.0	52.4	65.1		4 600
52.0	50.5	63.5	↓	4 000
54.0	48.6	61.7		3 500
56.0	46.7	59.9		3 000
58.0	44.6	57.9		2 600
60.0	42.5	55.7		2 100
62.0	40.3	53.4		1 800
64.0	38.0	50.9	1 400	
66.0	35.5	48.2	1 100	

**82.3m (270 Ft.)
Boom**



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	43 270 kg Crane Cwt. 11 340 kg Bumper Cwt.	
			Boom Capacity 360 Deg. Kilograms	Boom Capacity Rear Kilograms
13.7	81.7	84.1	↑	33 500*
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	NOT ALLOWED	12 900*
34.0	66.9	78.2		11 800
36.0	65.4	77.3		10 500
38.0	63.8	76.3		9 300
40.0	62.3	75.3		8 300
42.0	60.7	74.2	↓	7 300
44.0	59.1	73.0		6 500
46.0	57.4	71.7		5 700
48.0	55.7	70.4		5 100
50.0	54.0	68.9		4 400
52.0	52.3	67.4		3 900
54.0	50.5	65.8		3 400
56.0	48.6	64.1		2 900
58.0	46.7	62.2		2 400
60.0	44.8	60.2		2 000
62.0	42.7	58.1		1 600
64.0	40.6	55.8		1 200