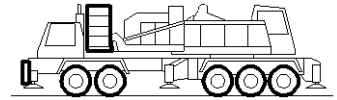


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 35 560 kg Crane Counterweight
With 3 630 kg Front Bumper Counterweight Adapter
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

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 75% 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. Refer to boom rigging **No. 192043**, Wire Rope Specification chart **No. 7973-A** and Operating Range Diagram chart **No. 7974-D**. Crane operator judgment must be used to allow for dynamic load effects of hoisting or lowering, travel, wind conditions, ground conditions, condition and inflation of tires (800 kPa minimum), as well as adverse operating conditions and physical machine depreciation.

Loads lifted may increase radius due to tire deflection. This increase must be compensated for by raising boom. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel (0.4 kms/hr) on a firm, level and uniformly supporting surface and boom within

boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7976-A**, Maximum Allowable Traveling Weight chart **No. 7972-A** and Weight Distribution chart **No. 7975-A**.

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

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

MACHINE EQUIPMENT: Machine equipped with Manitowoc 10 x 6 carrier, 7 036 mm wheel base, 2 972 mm front axle track, 2 540 mm rear axle track, 385/95 R 24 tires, 2 438 mm front outriggers, 1 778 mm rear outriggers, two 305 mm boom hoist cylinders, 7.9m mast, two boom support straps, crane counterweight as specified and with 3 360 kg front bumper counterweight adapter.

Note: Travel not allowed with 43 270 kg crane counterweight without boom attached.

Swing over side on rubber not allowed with 12 430 kg thru 43 270 kg crane counterweight.

Swing over side on rubber with 0 kg or 4 720 kg crane counterweight is allowed with or without boom attached.

360 degree swing on rubber with 0 kg or 4 720 kg crane counterweight is allowed without boom attached.

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

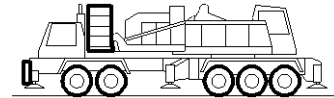
Upper Boom Point Deduct
Deduct 450 kg from capacities when upper boom point is attached.

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 35 560 kg Crane Counterweight
With 3 630 kg Front Bumper Counterweight Adapter
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
 ANSI B30.5
 Requirements



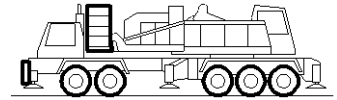
Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
43 270 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
73.2m	—	67.1m	—
70.1m	—	64.0m	—
67.1m	15.2m	61.0m	9.1m
64.0m	21.3m	57.9m	18.3m
61.0m	24.4m	54.9m	24.4m
35 560 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
70.1m	—	61.0m	—
67.1m	—	57.9m	9.1m
64.0m	9.1m	54.9m	15.2m
61.0m	18.3m	51.8m	24.4m
57.9m	24.4m		
27 850 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
64.0m	—	54.9m	—
61.0m	—	51.8m	12.2m
57.9m	12.2m	48.8m	18.3m
54.9m	21.3m	45.7m	24.4m
51.8m	24.4m		
20 140 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
57.9m	—	51.8m	—
54.9m	9.1m	48.8m	—
51.8m	15.2m	45.7m	12.2m
48.8m	21.3m	42.7m	18.3m
45.7m	24.4m	39.6m	24.4m
Load block, hook and weight ball on ground at start.			

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
43 270 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
Not Allowed		
35 560 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
42.7m	—	Not Allowed
39.6m	9.1m	
36.6m	18.3m	
33.5m	24.4m	
27 850 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
39.6m	—	Not Allowed
36.6m	—	
33.5m	12.2m	
30.5m	21.3m	
20 140 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
33.5m	—	Not Allowed
Load block, hook and weight ball on ground at start.		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 35 560 kg Crane Counterweight
With 3 630 kg Front Bumper Counterweight Adapter
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
 ANSI B30.5
 Requirements



Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
12 430 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
51.8m	—	42.7m	—
48.8m	9.1m	39.6m	12.2m
45.7m	15.2m	36.6m	21.3m
42.7m	24.4m	33.5m	24.4m
4 720 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
45.7m	—	36.6m	—
42.7m	9.1m	33.5m	9.1m
39.6m	18.3m	30.5m	18.3m
36.6m	24.4m		
0 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.			
42.7m	—	33.5m	—
39.6m	9.1m		
36.6m	15.2m		
33.5m	21.3m		
30.5m	24.4m		
Load block, hook and weight ball on ground at start.			

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
12 430 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
27.4m	—	Not Allowed
4 720 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
21.3m	—	13m
0 kg Crane Counterweight + 3 630 kg Front Bumper Cwt.		
18.3m	—	Not Allowed
Load block, hook and weight ball on ground at start.		

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

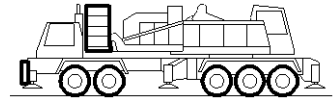
Refer to chart **No. 8063-AM, -BM or -CM** (0, 3 630 or 11 340 kg front bumper counterweight [FBC]) for fully extended outrigger boom capacities, chart **No. 8094-AM, -CM or -EM** (0, 3 630 or 11 340 kg FBC) for straight over rear on rubber boom capacities, chart **No. 8094-BM, -DM or -FM** (0, 3 630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

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 35 560 kg Crane Counterweight
With 3 630 kg Front Bumper Counterweight Adapter
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements

777T



13.0m (42.5 Ft.) Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	12 430 kg Crane Counterweight	4 720 kg Crane Counterweight	0 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
3.7	81.6	15.3	76 600 *	76 600 *	73 900	61 300	48 800	41 100	3.7
4.0	80.1	15.2	74 000 *	73 900	65 600	54 300	43 100	36 200	4.0
4.5	77.8	15.1	70 300 *	66 200	56 100	46 400	36 600	30 700	4.5
5.0	75.4	15.0	66 300	57 500	48 900	40 300	31 600	26 400	5.0
5.5	73.1	14.8	58 600	50 900	43 200	35 400	27 800	23 000	5.5
6.0	70.7	14.6	52 500	45 500	38 500	31 500	24 500	20 300	6.0
7.0	65.7	14.1	43 100	37 300	31 400	25 600	19 700	16 100	7.0
8.0	60.6	13.6	36 400	31 400	26 300	21 200	16 200	13 100	8.0
9.0	55.1	12.8	31 300	26 800	22 400	17 900	13 500	10 800	9.0
10.0	49.1	12.0	27 200	23 200	19 200	15 300	11 300	8 900	10.0
11.0	42.5	10.9	23 900	20 300	16 800	13 200	9 600	7 400	11.0
12.0	34.8	9.5	21 200	17 900	14 600	11 400	8 100	6 100	12.0

Liftcrane Boom Capacities

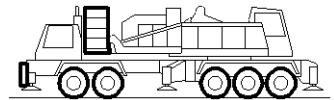
Boom No. 78T With Heavy Lift Top

0 kg to 35 560 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight Adapter

Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements



18.3m (60 Ft.)

Boom



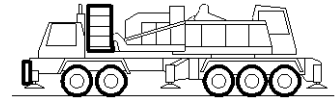
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	12 430 kg Crane Counterweight	4 720 kg Crane Counterweight	0 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
4.3	82.2	20.8	69 700 *	69 700 *	60 200	49 800	39 400	33 000	4.3
4.5	81.5	20.7	68 100 *	65 700	56 200	46 400	36 600	30 700	4.5
5.0	79.9	20.6	64 700	57 500	48 900	40 200	31 600	26 400	5.0
5.5	78.3	20.5	58 600	50 800	43 100	35 400	27 700	23 000	5.5
6.0	76.7	20.4	52 400	45 500	38 500	31 500	24 500	20 300	6.0
7.0	73.4	20.1	43 200	37 300	31 400	25 500	19 700	16 100	7.0
8.0	70.0	19.7	36 400	31 400	26 300	21 200	16 200	13 100	8.0
9.0	66.6	19.3	31 300	26 800	22 400	17 900	13 500	10 800	9.0
10.0	63.1	18.7	27 300	23 300	19 300	15 400	11 400	9 000	10.0
11.0	59.4	18.1	24 000	20 400	16 900	13 300	9 700	7 500	11.0
12.0	55.6	17.4	21 300	18 100	14 800	11 500	8 300	6 300	12.0
14.0	47.3	15.7	17 200	14 400	11 600	8 900	6 100	4 400	14.0
16.0	37.6	13.4	14 000	11 600	9 200	6 800	4 400	3 000	16.0
18.0	24.6	9.7	11 600	9 500	7 300	5 200	3 100	1 800	18.0

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 kg to 35 560 kg Crane Counterweight
With 3 630 kg Front Bumper Counterweight Adapter
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements

777T



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



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	12 430 kg Crane Counterweight	4 720 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
4.6	82.5	23.8	67 200 *	65 000	55 400	45 900	36 200	4.6
5.0	81.4	23.7	64 600 *	57 900	49 300	40 700	32 100	5.0
5.5	80.0	23.6	59 100	51 300	43 600	35 900	28 200	5.5
6.0	78.6	23.5	52 900	46 000	39 000	32 000	25 000	6.0
7.0	75.8	23.3	43 600	37 700	31 900	26 000	20 100	7.0
8.0	73.0	23.0	36 900	31 800	26 800	21 700	16 600	8.0
9.0	70.2	22.6	31 700	27 300	22 900	18 400	14 000	9.0
10.0	67.2	22.1	27 700	23 800	19 800	15 800	11 900	10.0
11.0	64.2	21.7	24 500	20 900	17 400	13 800	10 200	11.0
12.0	61.2	21.1	21 900	18 600	15 300	12 000	8 800	12.0
14.0	54.7	19.7	17 700	14 900	12 200	9 400	6 600	14.0
16.0	47.6	18.0	14 600	12 200	9 800	7 400	5 000	16.0
18.0	39.5	15.8	12 200	10 100	8 000	5 900	3 700	18.0
20.0	29.5	12.6	10 300	8 400	6 500	4 600	2 700	20.0

Liftcrane Boom Capacities

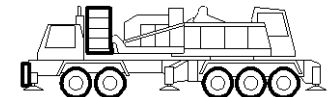
Boom No. 78T With Heavy Lift Top

0 kg to 35 560 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight Adapter

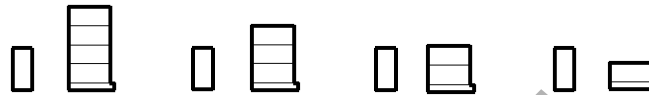
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements



24.4m (80 Ft.)

Boom



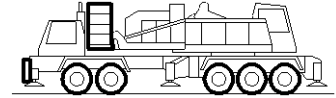
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	12 430 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
4.9	82.7	26.9	64 500 *	59 900	51 000	42 100	4.9
5.0	82.5	26.8	63 700 *	58 100	49 500	40 800	5.0
5.5	81.3	26.7	59 100	51 400	43 700	35 900	5.5
6.0	80.1	26.6	53 000	46 000	39 000	32 000	6.0
7.0	77.7	26.4	43 600	37 800	31 900	26 100	7.0
8.0	75.2	26.1	36 900	31 900	26 800	21 800	8.0
9.0	72.8	25.8	31 800	27 400	22 900	18 400	9.0
10.0	70.2	25.5	27 800	23 800	19 900	15 900	10.0
11.0	67.7	25.0	24 500	21 000	17 400	13 800	11.0
12.0	65.1	24.6	21 900	18 600	15 300	12 100	12.0
14.0	59.7	23.5	17 700	15 000	12 200	9 400	14.0
16.0	54.0	22.0	14 700	12 200	9 800	7 400	16.0
18.0	47.8	20.3	12 300	10 100	8 000	5 900	18.0
20.0	40.8	18.1	10 400	8 500	6 600	4 700	20.0
22.0	32.6	15.3	8 800	7 100	5 400	3 700	22.0
24.0	21.7	11.1	7 500	5 900	4 400	2 700	24.0

Liftcrane Boom Capacities

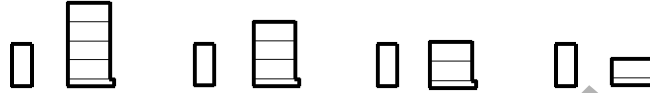
Boom No. 78T With Heavy Lift Top
 0 kg to 35 560 kg Crane Counterweight
 With 3 630 kg Front Bumper Counterweight Adapter
 Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
 ANSI B30.5
 Requirements

777T



27.4m (90 Ft.)
 Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	12 430 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
5.2	82.9	29.9	61 900 *	55 500	47 200	39 000	5.2
5.5	82.2	29.9	59 200	51 400	43 700	36 000	5.5
6.0	81.2	29.8	53 000	46 000	39 000	32 100	6.0
7.0	79.1	29.6	43 700	37 800	31 900	26 100	7.0
8.0	76.9	29.3	36 900	31 900	26 800	21 800	8.0
9.0	74.7	29.0	31 800	27 400	22 900	18 500	9.0
10.0	72.5	28.7	27 800	23 800	19 900	15 900	10.0
11.0	70.3	28.3	24 500	21 000	17 400	13 800	11.0
12.0	68.1	27.9	21 900	18 600	15 300	12 100	12.0
14.0	63.4	27.0	17 800	15 000	12 200	9 400	14.0
16.0	58.6	25.8	14 700	12 300	9 900	7 500	16.0
18.0	53.4	24.4	12 300	10 200	8 100	5 900	18.0
20.0	47.9	22.6	10 400	8 600	6 600	4 700	20.0
22.0	41.8	20.5	8 900	7 200	5 400	3 700	22.0
24.0	34.8	17.8	7 600	6 000	4 500	2 900	24.0
26.0	26.2	14.2	6 500	5 000	3 600	2 100	26.0

Liftcrane Boom Capacities

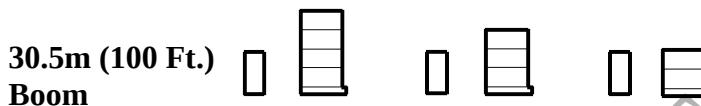
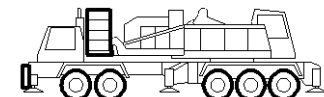
Boom No. 78T With Heavy Lift Top

0 kg to 35 560 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight Adapter

Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements



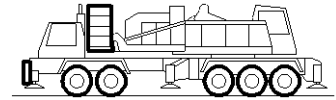
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
5.5	83.0	32.9	59 300	51 500	43 800	5.5
6.0	82.1	32.8	53 000	46 000	39 000	6.0
7.0	80.2	32.7	43 600	37 800	31 900	7.0
8.0	78.2	32.5	36 900	31 800	26 700	8.0
9.0	76.3	32.2	31 700	27 300	22 800	9.0
10.0	74.3	31.9	27 700	23 700	19 800	10.0
11.0	72.4	31.6	24 500	20 900	17 300	11.0
12.0	70.4	31.2	21 800	18 600	15 300	12.0
14.0	66.3	30.4	17 700	14 900	12 100	14.0
16.0	62.1	29.4	14 600	12 200	9 800	16.0
18.0	57.6	28.1	12 300	10 100	8 000	18.0
20.0	53.0	26.7	10 400	8 500	6 600	20.0
22.0	48.0	24.9	8 900	7 100	5 400	22.0
24.0	42.6	22.9	7 600	6 000	4 400	24.0
26.0	36.5	20.3	6 500	5 000	3 600	26.0
28.0	29.3	17.0	5 500	4 200	2 800	28.0
30.0	19.8	12.4	4 700	3 400	2 200	30.0

Liftcrane Boom Capacities

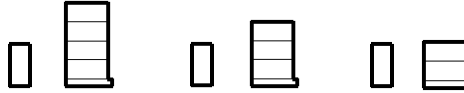
Boom No. 78T With Heavy Lift Top
 0 kg to 35 560 kg Crane Counterweight
 With 3 630 kg Front Bumper Counterweight Adapter
 Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
 ANSI B30.5
 Requirements

777T



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



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight	20 140 kg Crane Counterweight	Oper. Rad. m
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.	
			Boom Capacity kg	Boom Capacity kg	Boom Capacity kg	
6.1	82.6	35.9	51 900	45 000	38 200	6.1
7.0	81.1	35.8	43 600	37 700	31 800	7.0
8.0	79.3	35.6	36 800	31 800	26 700	8.0
9.0	77.6	35.3	31 700	27 300	22 800	9.0
10.0	75.8	35.1	27 700	23 700	19 800	10.0
11.0	74.0	34.8	24 500	20 900	17 300	11.0
12.0	72.2	34.5	21 800	18 500	15 200	12.0
14.0	68.6	33.7	17 600	14 900	12 100	14.0
16.0	64.8	32.8	14 600	12 200	9 700	16.0
18.0	60.9	31.7	12 200	10 100	8 000	18.0
20.0	56.9	30.4	10 400	8 400	6 500	20.0
22.0	52.6	29.0	8 800	7 100	5 400	22.0
24.0	48.1	27.2	7 600	6 000	4 400	24.0
26.0	43.2	25.2	6 500	5 000	3 600	26.0
28.0	37.8	22.7	5 600	4 200	2 800	28.0
30.0	31.6	19.7	4 800	3 500	2 200	30.0
32.0	24.0	15.7	4 000	2 900	1 700	32.0

Liftcrane Boom Capacities

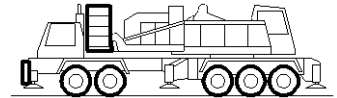
Boom No. 78T With Heavy Lift Top

0 kg to 35 560 kg Crane Counterweight

With 3 630 kg Front Bumper Counterweight Adapter

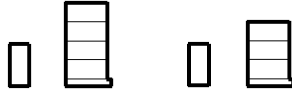
Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements



36.6m (120 Ft.)

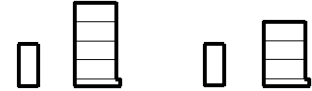
Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.
			Boom Capacity kg	Boom Capacity kg
6.7	82.3	38.9	46 100	40 000
7.0	81.8	38.9	43 800	37 900
8.0	80.2	38.7	36 900	31 900
9.0	78.6	38.5	31 800	27 300
10.0	77.0	38.2	27 700	23 800
11.0	75.4	38.0	24 500	20 900
12.0	73.8	37.7	21 900	18 600
14.0	70.5	37.0	17 700	14 900
16.0	67.1	36.2	14 700	12 200
18.0	63.6	35.2	12 300	10 200
20.0	60.0	34.1	10 400	8 500
22.0	56.2	32.8	8 900	7 200
24.0	52.3	31.3	7 700	6 100
26.0	48.2	29.5	6 600	5 100
28.0	43.7	27.5	5 600	4 300
30.0	38.9	25.1	4 800	3 600
32.0	33.4	22.3	4 200	3 000
34.0	27.0	18.7	3 500	2 400
36.0	18.4	13.6	2 900	1 900

39.6m (130 Ft.)

Boom

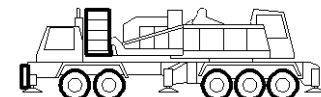


Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight	27 850 kg Crane Counterweight
			3 630 kg Bumper Cwt.	3 630 kg Bumper Cwt.
			Boom Capacity kg	Boom Capacity kg
6.7	82.9	42.0	46 000	39 900
7.0	82.5	42.0	43 700	37 800
8.0	81.0	41.8	36 800	31 800
9.0	79.5	41.6	31 700	27 200
10.0	78.0	41.4	27 700	23 700
11.0	76.5	41.1	24 400	20 800
12.0	75.1	40.9	21 700	18 500
14.0	72.0	40.2	17 600	14 800
16.0	68.9	39.5	14 500	12 100
18.0	65.8	38.6	12 200	10 000
20.0	62.5	37.6	10 300	8 400
22.0	59.2	36.4	8 800	7 100
24.0	55.7	35.1	7 500	6 000
26.0	52.1	33.6	6 400	5 000
28.0	48.3	31.8	5 600	4 200
30.0	44.2	29.9	4 800	3 500
32.0	39.8	27.5	4 000	2 900
34.0	34.9	24.8	3 400	2 300
36.0	29.2	21.5	2 900	1 800
38.0	22.3	17.1	2 300	1 400

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 kg to 35 560 kg Crane Counterweight
 With 3 630 kg Front Bumper Counterweight Adapter
 Rating Straight Over Rear On Rubber - 0.4 kms/hr Travel

Meets
ANSI B30.5
Requirements



42.7m (140 Ft.)

Boom



Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	35 560 kg Crane Counterweight
			3 630 kg Bumper Cwt.
			Boom Capacity kg
7.3	82.6	45.0	41 100
8.0	81.6	44.9	36 700
9.0	80.3	44.7	31 600
10.0	78.9	44.5	27 500
11.0	77.5	44.3	24 300
12.0	76.1	44.0	21 600
14.0	73.3	43.4	17 400
16.0	70.5	42.7	14 400
18.0	67.6	41.9	12 000
20.0	64.7	41.0	10 200
22.0	61.6	40.0	8 600
24.0	58.5	38.8	7 400
26.0	55.2	37.4	6 300
28.0	51.9	35.9	5 400
30.0	48.3	34.1	4 600
32.0	44.5	32.2	3 900
34.0	40.5	29.9	3 300
36.0	36.1	27.3	2 800
38.0	31.1	24.1	2 300
40.0	25.2	20.2	1 800
42.0	17.4	14.8	1 400