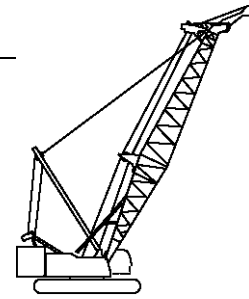




# Liftcrane Boom Capacities

**Boom No. 76**  
**76 200 kg Crane Counterweight**  
**24 040 kg Carbody Counterweight**  
**Rating Over End of Blocked Crawlers**  
**No Travel - Limited Swing**



## 14000 SERIES 2



**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 over end of machine with crawlers blocked. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 4 540 kg minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 14 290 kg or 27 220 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.

71,0 m thru 89,0 m boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of upper boom point, 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 gantry up. Drive and idler tumbler must be properly blocked so that centerline of tumbler becomes tipping fulcrum. Swing is limited to that sector shown on Operating Range Diagram **No. 8793-A**. Refer to boom rigging **No. A16106**, Wire Rope Specification chart **No. 8789-A**, and Wind Conditions chart **No. 8790-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.



**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

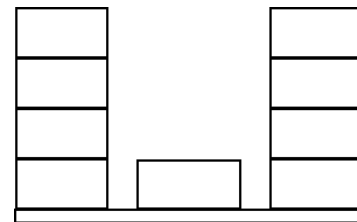


**BOOM ANGLE:** Boom angle in degrees ( $^{\circ}$ ) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



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

**MACHINE EQUIPMENT:** Machine equipped with 8 280 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 8 230 mm live mast, 20 part boom hoist reeving, boom support straps, 76 200 kg crane counterweight, and two 12 020 kg carbody counterweights.



76 200 kg Crane Counterweight  
8 Side Boxes - 1 Center Box



WITHOUT BOOM CATWALKS	
Maximum Boom and Jib Lengths Lifted Unassisted Over end of Blocked Crawlers	
Boom Length	Jib No. 134
(a) 89,0 m	—
86,0 m	—
83,0 m	—
80,0 m	12,2 m
77,0 m	21,3 m
74,0 m	24,4 m

Load block, hook and weight ball on ground at start.  
a) Upper boom point cannot be used on 89,0 m boom.

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

WITH BOOM CATWALKS	
Maximum Boom and Jib Lengths Lifted Unassisted Over end of Blocked Crawlers	
Boom Length	Jib No. 134
(a)(b) 89,0 m	—
(b) 86,0 m	—
83,0 m	—
80,0 m	12,2 m
77,0 m	(b) 21,3 m
74,0 m	24,4 m

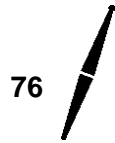
Load block, hook and weight ball on ground at start.  
(a) Upper boom point cannot be used on 89,0 m boom. 89,0 m boom *must* be rigged with one hoist lead line.  
(b) Requires lowerworks jacking cylinders.

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9,1 m	1 770 kg
12,2 m	2 130 kg
15,2 m	2 540 kg
18,3 m	2 990 kg
21,3 m	3 450 kg
24,4 m	3 950 kg

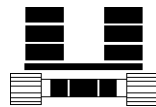
Upper Boom Point Deduct
Deduct 500 kg from capacities when upper boom point is attached.

Boom Catwalks Deduct
Deduct 300 kg from capacities when boom catwalks are attached.

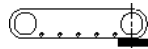
## Explanation of Symbols



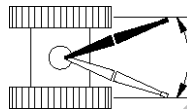
Boom No. 76



Crane Counterweight  
+  
Carbody Counterweight



Rating Over End of  
Blocked Crawlers



Limited Swing Area



Operating Radius  
(see page 1)



Boom Angle  
(see page 1)



Boom Point Elevation  
(see page 1)



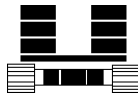
Lifting Capacities  
(see page 1)



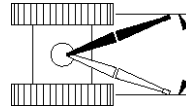
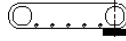
Boom Length

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76 200 kg  
+  
24 040 kg



m	o	m	kg
20,0 m			
4,3	83,2	22,2	200 000 *b
5,0	81,1	22,1	171 000 *b
6,0	78,1	21,9	144 200 *b
7,0	75,2	21,6	124 400 *
8,0	72,2	21,3	109 300 *
9,0	69,1	20,9	97 300 *
10,0	65,9	20,4	87 500 *
11,0	62,7	19,9	79 600 *
12,0	59,4	19,3	72 800 *
13,0	55,9	18,6	67 000 *
14,0	52,3	17,8	62 000 *
15,0	48,4	16,9	57 600 *
16,0	44,4	15,9	53 800 *
18,0	35,0	13,3	46 500

m	o	m	kg
23,0 m			
4,9	82,6	25,1	174 900 *b
5,0	82,3	25,1	171 000 *b
6,0	79,7	24,9	144 100 *b
7,0	77,2	24,7	124 300 *
8,0	74,6	24,4	109 200 *
9,0	71,9	24,1	97 200 *
10,0	69,3	23,7	87 500 *
11,0	66,6	23,3	79 400 *
12,0	63,8	22,8	72 700 *
13,0	60,9	22,2	66 900 *
14,0	58,0	21,6	61 900 *
15,0	54,9	20,9	57 600 *
16,0	51,7	20,1	53 800 *
18,0	44,9	18,2	46 500
20,0	37,0	15,7	40 000
22,0	27,1	12,3	35 000


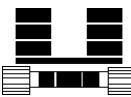
m	o	m	kg
26,0 m			
5,2	82,7	28,1	161 700 *
6,0	80,9	28,0	143 900 *
7,0	78,7	27,8	124 100 *
8,0	76,4	27,5	109 000 *
9,0	74,1	27,2	97 000 *
10,0	71,8	26,9	87 300 *
11,0	69,4	26,5	79 300 *
12,0	67,0	26,1	72 500 *
13,0	64,6	25,6	66 800 *
14,0	62,1	25,1	61 800 *
15,0	59,5	24,5	57 500 *
16,0	56,9	23,8	53 600 *
18,0	51,3	22,3	46 500
20,0	45,3	20,4	40 100
22,0	38,5	18,1	35 000
24,0	30,4	15,0	31 000

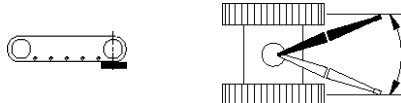
REFUSE ONLY!






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76   76 200 kg  
+ 24 040 kg



				kg
 29,0 m				
5,5	82,9	31,1	155 800 *	
6,0	81,9	31,0	143 900 *	
7,0	79,9	30,9	124 000 *	
8,0	77,8	30,6	108 900 *	
9,0	75,8	30,4	97 000 *	
10,0	73,7	30,1	87 300 *	
11,0	71,6	29,7	79 200 *	
12,0	69,5	29,4	72 500 *	
13,0	67,4	28,9	66 700 *	
14,0	65,2	28,5	61 700 *	
15,0	63,0	28,0	57 400 *	
16,0	60,7	27,4	53 600 *	
18,0	56,0	26,1	46 600	
20,0	51,0	24,5	40 100	
22,0	45,6	22,7	35 100	
24,0	39,6	20,4	31 100	
26,0	32,7	17,5	27 700	
28,0	23,9	13,6	24 900	

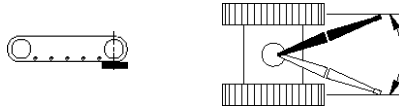
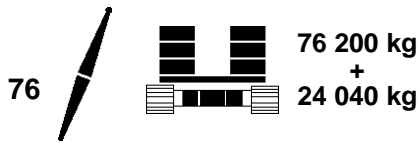
				kg
 32,0 m				
5,8	83,0	34,1	142 800 *	
6,0	82,6	34,1	141 900 *	
7,0	80,8	33,9	123 900 *	
8,0	79,0	33,7	108 700 *	
9,0	77,2	33,5	96 800 *	
10,0	75,3	33,2	87 000 *	
11,0	73,4	32,9	79 000 *	
12,0	71,5	32,6	72 300 *	
13,0	69,6	32,2	66 500 *	
14,0	67,7	31,8	61 600 *	
15,0	65,7	31,3	57 200 *	
16,0	63,7	30,8	53 400 *	
18,0	59,6	29,7	46 400	
20,0	55,3	28,4	40 100	
22,0	50,7	26,8	35 000	
24,0	45,9	24,9	31 000	
26,0	40,5	22,7	27 700	
28,0	34,4	20,0	24 900	
30,0	27,2	16,4	22 500	
32,0	17,1	11,2	20 400	

				kg
 35,0 m				
6,7	82,1	37,0	129 000 *	
7,0	81,6	37,0	124 000 *	
8,0	80,0	36,8	108 600 *	
9,0	78,3	36,6	96 700 *	
10,0	76,6	36,3	86 900 *	
11,0	74,9	36,0	78 900 *	
12,0	73,2	35,7	72 200 *	
13,0	71,5	35,4	66 400 *	
14,0	69,7	35,0	61 500 *	
15,0	67,9	34,6	57 100 *	
16,0	66,1	34,2	53 300 *	
18,0	62,5	33,2	46 400	
20,0	58,7	32,0	40 100	
22,0	54,7	30,6	35 000	
24,0	50,5	29,0	31 000	
26,0	46,1	27,2	27 700	
28,0	41,2	25,0	24 900	
30,0	35,8	22,4	22 500	
32,0	29,6	19,1	20 400	
34,0	21,7	14,7	18 600	

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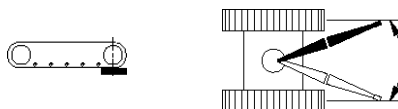
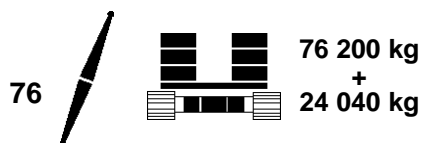
m	o	m	kg
 38,0 m			
6,7	82,7	40,0	127 700 *
7,0	82,3	40,0	123 200 *
8,0	80,8	39,8	108 500 *
9,0	79,2	39,6	96 500 *
10,0	77,7	39,4	86 900 *
11,0	76,1	39,2	78 800 *
12,0	74,6	38,9	72 100 *
13,0	73,0	38,6	66 300 *
14,0	71,4	38,2	61 300 *
15,0	69,8	37,8	57 000 *
16,0	68,1	37,4	53 200 *
18,0	64,8	36,5	46 400
20,0	61,4	35,5	40 000
22,0	57,9	34,2	35 000
24,0	54,2	32,8	31 000
26,0	50,3	31,2	27 700
28,0	46,2	29,4	24 800
30,0	41,8	27,2	22 500
32,0	36,9	24,7	20 500
34,0	31,4	21,7	18 600
36,0	24,8	17,7	17 100






m	o	m	kg
 41,0 m			
7,3	82,4	43,0	118 300 *
8,0	81,4	42,9	108 400 *
9,0	80,0	42,7	96 400 *
10,0	78,6	42,5	86 700 *
11,0	77,2	42,2	78 700 *
12,0	75,7	42,0	71 900 *
13,0	74,3	41,7	66 200 *
14,0	72,8	41,4	61 200 *
15,0	71,3	41,0	56 900 *
16,0	69,8	40,7	53 100 *
18,0	66,8	39,8	46 300
20,0	63,7	38,9	40 000
22,0	60,5	37,8	35 000
24,0	57,2	36,5	30 900
26,0	53,8	35,1	27 600
28,0	50,2	33,5	24 800
30,0	46,4	31,6	22 400
32,0	42,3	29,5	20 400
34,0	37,9	27,1	18 600
36,0	32,9	24,1	17 000
38,0	27,2	20,6	15 600






m	o	m	kg
 44,0 m			
7,3	82,9	46,0	108 200 *
8,0	82,0	45,9	104 700 *
9,0	80,7	45,7	96 500 *
10,0	79,4	45,5	86 500 *
11,0	78,1	45,3	78 400 *
12,0	76,7	45,1	71 700 *
13,0	75,4	44,8	66 000 *
14,0	74,0	44,5	61 000 *
15,0	72,6	44,2	56 700 *
16,0	71,3	43,9	52 800 *
18,0	68,5	43,1	46 200
20,0	65,6	42,2	39 900
22,0	62,7	41,2	34 800
24,0	59,7	40,1	30 800
26,0	56,6	38,8	27 400
28,0	53,4	37,3	24 600
30,0	50,0	35,7	22 200
32,0	46,5	33,9	20 200
34,0	42,7	31,8	18 400
36,0	38,7	29,4	16 900
38,0	34,2	26,6	15 500
40,0	29,1	23,2	14 200
42,0	23,0	19,0	13 100






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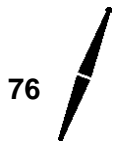
   			
m	o	m	kg
 47,0 m			
7,9	82,6	49,0	102 100 *
8,0	82,5	48,9	101 700 *
9,0	81,3	48,8	95 800 *
10,0	80,1	48,6	86 300 *
11,0	78,8	48,4	78 300 *
12,0	77,6	48,2	71 600 *
13,0	76,3	47,9	65 800 *
14,0	75,1	47,7	60 800 *
15,0	73,8	47,4	56 500 *
16,0	72,5	47,0	52 700 *
18,0	69,9	46,3	46 100
20,0	67,3	45,5	39 700
22,0	64,6	44,6	34 700
24,0	61,8	43,5	30 700
26,0	59,0	42,4	27 300
28,0	56,1	41,1	24 500
30,0	53,1	39,6	22 200
32,0	49,9	38,0	20 100
34,0	46,6	36,1	18 300
36,0	43,1	34,0	16 800
38,0	39,3	31,7	15 400
40,0	35,2	29,0	14 200
42,0	30,7	25,8	13 100
44,0	25,3	21,9	12 100

   			
m	o	m	kg
 50,0 m			
8,5	82,4	51,9	93 800 *
9,0	81,8	51,8	92 000 *
10,0	80,7	51,7	86 500 *
11,0	79,5	51,5	78 200 *
12,0	78,3	51,3	71 400 *
13,0	77,2	51,0	65 700 *
14,0	76,0	50,8	60 700 *
15,0	74,8	50,5	56 400 *
16,0	73,6	50,2	52 600 *
18,0	71,2	49,5	46 000
20,0	68,7	48,8	39 700
22,0	66,2	47,9	34 600
24,0	63,7	46,9	30 600
26,0	61,1	45,9	27 300
28,0	58,4	44,7	24 500
30,0	55,6	43,3	22 100
32,0	52,8	41,8	20 000
34,0	49,8	40,2	18 300
36,0	46,7	38,4	16 700
38,0	43,4	36,3	15 300
40,0	39,9	34,0	14 100
42,0	36,1	31,4	13 000
44,0	32,0	28,3	12 000
46,0	27,2	24,7	11 100
48,0	21,5	20,1	10 200

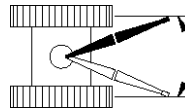
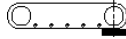
   			
m	o	m	kg
 53,0 m			
8,5	82,8	54,9	90 400 *
9,0	82,3	54,9	88 700 *
10,0	81,2	54,7	84 900 *
11,0	80,1	54,5	78 000 *
12,0	79,0	54,3	71 200 *
13,0	77,9	54,1	65 500 *
14,0	76,8	53,9	60 600 *
15,0	75,7	53,6	56 200 *
16,0	74,5	53,3	52 400 *
18,0	72,3	52,7	45 900
20,0	70,0	52,0	39 600
22,0	67,7	51,2	34 500
24,0	65,3	50,3	30 500
26,0	62,9	49,3	27 100
28,0	60,4	48,2	24 300
30,0	57,9	46,9	22 000
32,0	55,2	45,6	19 900
34,0	52,5	44,1	18 200
36,0	49,7	42,4	16 600
38,0	46,8	40,6	15 200
40,0	43,7	38,6	14 000
42,0	40,4	36,3	12 900
44,0	36,9	33,7	11 900
46,0	33,1	30,8	11 000
48,0	28,8	27,4	10 100
50,0	23,8	23,2	9 400

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ANSI B30.5



76 200 kg  
+  
24 040 kg



 m    o    m    kg			
 56,0 m			
9,1	82,6	57,9	80 400 *
10,0	81,7	57,7	77 900 *
11,0	80,6	57,6	75 200 *
12,0	79,6	57,4	71 200 *
13,0	78,6	57,2	65 300 *
14,0	77,5	57,0	60 300 *
15,0	76,5	56,7	56 000 *
16,0	75,4	56,5	52 200 *
18,0	73,3	55,9	45 700
20,0	71,1	55,2	39 500
22,0	68,9	54,4	34 400
24,0	66,7	53,6	30 300
26,0	64,4	52,7	27 000
28,0	62,1	51,6	24 200
30,0	59,8	50,5	21 800
32,0	57,4	49,2	19 700
34,0	54,9	47,8	18 000
36,0	52,3	46,3	16 400
38,0	49,6	44,7	15 000
40,0	46,9	42,8	13 800
42,0	44,0	40,8	12 700
44,0	40,9	38,6	11 700
46,0	37,6	36,1	10 800
48,0	34,1	33,2	9 900
50,0	30,1	29,9	9 200
52,0	25,6	26,0	8 500
54,0	20,2	21,2	7 900

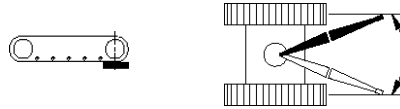
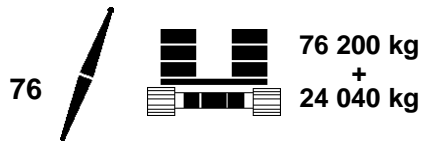
 m    o    m    kg			
 59,0 m			
9,1	82,9	60,9	77 200 *
10,0	82,1	60,8	74 800 *
11,0	81,1	60,6	72 100 *
12,0	80,1	60,4	69 500 *
13,0	79,1	60,2	65 200 *
14,0	78,2	60,0	60 100 *
15,0	77,2	59,8	55 800 *
16,0	76,2	59,5	52 000 *
18,0	74,1	59,0	45 600
20,0	72,1	58,4	39 300
22,0	70,0	57,7	34 300
24,0	68,0	56,9	30 200
26,0	65,8	56,0	26 800
28,0	63,7	55,0	24 000
30,0	61,5	53,9	21 700
32,0	59,2	52,8	19 600
34,0	56,9	51,5	17 800
36,0	54,5	50,1	16 300
38,0	52,1	48,6	14 900
40,0	49,6	46,9	13 700
42,0	46,9	45,1	12 600
44,0	44,2	43,1	11 600
46,0	41,3	40,8	10 700
48,0	38,2	38,4	9 800
50,0	34,9	35,6	9 100
52,0	31,3	32,5	8 400
54,0	27,2	28,8	7 700
56,0	22,5	24,4	7 100

 m    o    m    kg			
 62,0 m			
9,8	82,7	63,8	68 200 *
10,0	82,5	63,8	67 900 *
11,0	81,6	63,7	66 900 *
12,0	80,6	63,5	65 600 *
13,0	79,7	63,3	63 400 *
14,0	78,7	63,1	60 000 *
15,0	77,8	62,9	55 700 *
16,0	76,8	62,7	51 800 *
18,0	74,9	62,1	45 500
20,0	73,0	61,5	39 200
22,0	71,1	60,8	34 100
24,0	69,1	60,1	30 100
26,0	67,1	59,3	26 700
28,0	65,0	58,3	23 900
30,0	63,0	57,3	21 500
32,0	60,9	56,2	19 500
34,0	58,7	55,1	17 700
36,0	56,5	53,8	16 200
38,0	54,2	52,3	14 800
40,0	51,9	50,8	13 600
42,0	49,5	49,1	12 400
44,0	47,0	47,3	11 400
46,0	44,4	45,3	10 500
48,0	41,7	43,1	9 700
50,0	38,8	40,7	9 000
52,0	35,6	38,0	8 300
54,0	32,3	35,0	7 600
56,0	28,6	31,5	7 000
58,0	24,3	27,3	6 500
60,0	19,2	22,2	5 900



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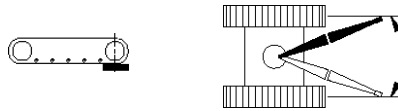
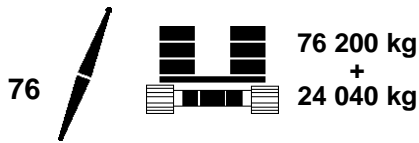
m	o	m	kg
65,0 m			
10,4	82,5	66,8	61 900 *
11,0	82,0	66,7	60 100 *
12,0	81,1	66,5	59 100 *
13,0	80,2	66,4	58 200 *
14,0	79,3	66,2	57 300 *
15,0	78,4	65,9	55 600 *
16,0	77,5	65,7	51 800 *
18,0	75,6	65,2	45 300 *
20,0	73,8	64,7	39 100
22,0	72,0	64,0	34 000
24,0	70,1	63,3	29 900
26,0	68,2	62,5	26 600
28,0	66,3	61,7	23 800
30,0	64,3	60,7	21 400
32,0	62,3	59,7	19 400
34,0	60,3	58,6	17 600
36,0	58,3	57,3	16 000
38,0	56,1	56,0	14 600
40,0	54,0	54,6	13 400
42,0	51,7	53,0	12 300
44,0	49,4	51,4	11 300
46,0	47,1	49,5	10 400
48,0	44,6	47,6	9 600
50,0	42,0	45,4	8 800
52,0	39,2	43,0	8 100
54,0	36,3	40,4	7 500
56,0	33,2	37,4	6 900
58,0	29,7	34,1	6 300
60,0	25,9	30,2	5 800
62,0	21,4	25,5	5 300
64,0	15,6	19,3	4 900

m	o	m	kg
68,0 m			
10,4	82,9	69,8	61 500 *
11,0	82,3	69,7	59 800 *
12,0	81,5	69,6	58 800 *
13,0	80,6	69,4	57 900 *
14,0	79,7	69,2	57 000 *
15,0	78,9	69,0	55 300 *
16,0	78,0	68,8	51 500 *
18,0	76,3	68,3	45 000 *
20,0	74,5	67,8	38 900
22,0	72,8	67,2	33 800
24,0	71,0	66,5	29 700
26,0	69,2	65,8	26 300
28,0	67,4	64,9	23 600
30,0	65,5	64,0	21 200
32,0	63,7	63,1	19 100
34,0	61,8	62,0	17 300
36,0	59,8	60,9	15 700
38,0	57,8	59,6	14 400
40,0	55,8	58,3	13 200
42,0	53,7	56,8	12 100
44,0	51,6	55,3	11 100
46,0	49,4	53,6	10 100
48,0	47,1	51,8	9 300
50,0	44,7	49,8	8 600
52,0	42,3	47,7	7 900
54,0	39,7	45,3	7 200
56,0	36,9	42,7	6 600
58,0	34,0	39,8	6 100
60,0	30,8	36,6	5 600
62,0	27,2	32,9	5 100
64,0	23,2	28,6	4 600
66,0	18,3	23,1	4 200

m	o	m	kg
71,0 m			
11,0	82,7	72,8	55 600 *
12,0	81,8	72,6	55 200 *
13,0	81,0	72,4	54 800 *
14,0	80,2	72,3	54 300 *
15,0	79,4	72,1	54 000 *
16,0	78,5	71,9	52 200 *
18,0	76,9	71,4	45 100 *
20,0	75,2	70,9	39 100
22,0	73,5	70,3	33 900
24,0	71,8	69,7	29 800
26,0	70,1	69,0	26 500
28,0	68,4	68,2	23 700
30,0	66,6	67,3	21 300
32,0	64,9	66,4	19 200
34,0	63,1	65,4	17 500
36,0	61,2	64,3	15 900
38,0	59,4	63,2	14 500
40,0	57,4	61,9	13 300
42,0	55,5	60,5	12 200
44,0	53,5	59,1	11 200
46,0	51,5	57,5	10 300
48,0	49,3	55,8	9 400
50,0	47,2	54,0	8 700
52,0	44,9	52,1	8 000
54,0	42,5	49,9	7 400
56,0	40,1	47,6	6 800
58,0	37,5	45,1	6 200
60,0	34,7	42,3	5 700
62,0	31,7	39,1	5 200
64,0	28,4	35,6	4 800
66,0	24,7	31,5	4 300
68,0	20,4	26,5	3 900

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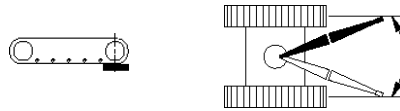
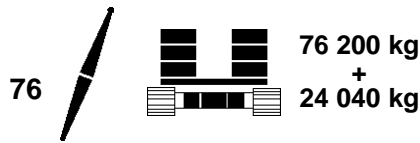
m	o	m	kg
 74,0 m			
11,0	83,0	75,8	50 600 *
12,0	82,2	75,6	50 200 *
13,0	81,4	75,5	49 800 *
14,0	80,6	75,3	49 400 *
15,0	79,8	75,1	49 000 *
16,0	79,0	74,9	48 600 *
18,0	77,4	74,5	45 200 *
20,0	75,8	74,0	38 900
22,0	74,2	73,4	33 800
24,0	72,6	72,8	29 700
26,0	71,0	72,2	26 400
28,0	69,3	71,4	23 500
30,0	67,6	70,6	21 200
32,0	66,0	69,7	19 100
34,0	64,2	68,8	17 300
36,0	62,5	67,7	15 700
38,0	60,7	66,6	14 300
40,0	58,9	65,5	13 200
42,0	57,1	64,2	12 000
44,0	55,2	62,8	11 000
46,0	53,3	61,3	10 100
48,0	51,3	59,8	9 300
50,0	49,3	58,1	8 500
52,0	47,2	56,3	7 900
54,0	45,0	54,3	7 200
56,0	42,8	52,2	6 600
58,0	40,4	49,9	6 100
60,0	37,9	47,4	5 600
62,0	35,3	44,6	5 100
64,0	32,5	41,6	4 700
66,0	29,4	38,2	4 200
68,0	26,1	34,3	3 800
70,0	22,2	29,7	3 500

m	o	m	kg
 77,0 m			
11,6	82,8	78,7	45 900 *
12,0	82,5	78,7	45 700 *
13,0	81,7	78,5	45 300 *
14,0	81,0	78,4	45 000 *
15,0	80,2	78,2	44 600 *
16,0	79,4	78,0	44 200 *
18,0	77,9	77,6	43 500 *
20,0	76,4	77,1	38 900
22,0	74,9	76,6	33 700
24,0	73,3	76,0	29 600
26,0	71,7	75,3	26 200
28,0	70,2	74,6	23 400
30,0	68,6	73,8	21 000
32,0	66,9	73,0	19 000
34,0	65,3	72,1	17 200
36,0	63,7	71,1	15 600
38,0	62,0	70,1	14 200
40,0	60,3	68,9	13 000
42,0	58,5	67,7	11 900
44,0	56,8	66,4	10 900
46,0	55,0	65,1	10 000
48,0	53,1	63,6	9 100
50,0	51,2	62,0	8 400
52,0	49,3	60,3	7 700
54,0	47,2	58,5	7 100
56,0	45,2	56,5	6 500
58,0	43,0	54,4	5 900
60,0	40,7	52,2	5 400
62,0	38,4	49,7	4 900
64,0	35,9	47,0	4 500
66,0	33,2	44,1	4 100
68,0	30,4	40,8	3 700
70,0	27,2	37,0	3 300
72,0	23,7	32,7	2 900
74,0	19,6	27,6	2 600

m	o	m	kg
 80,0 m			
12,2	82,6	81,7	41 200 *
13,0	82,0	81,6	40 900 *
14,0	81,3	81,4	40 600 *
15,0	80,6	81,2	40 200 *
16,0	79,8	81,1	39 900 *
18,0	78,4	80,7	39 200 *
20,0	76,9	80,2	38 400
22,0	75,4	79,7	33 600
24,0	73,9	79,1	29 400
26,0	72,4	78,5	26 100
28,0	70,9	77,8	23 200
30,0	69,4	77,1	20 800
32,0	67,9	76,3	18 800
34,0	66,3	75,4	17 000
36,0	64,7	74,5	15 400
38,0	63,1	73,5	14 000
40,0	61,5	72,4	12 800
42,0	59,8	71,3	11 700
44,0	58,2	70,0	10 700
46,0	56,5	68,7	9 800
48,0	54,7	67,3	9 000
50,0	52,9	65,8	8 200
52,0	51,1	64,2	7 500
54,0	49,2	62,5	6 900
56,0	47,3	60,7	6 300
58,0	45,3	58,8	5 700
60,0	43,2	56,7	5 200
62,0	41,1	54,5	4 700
64,0	38,8	52,0	4 300
66,0	36,4	49,4	3 800
68,0	33,9	46,5	3 500
70,0	31,2	43,3	3 100
72,0	28,3	39,7	2 700
74,0	25,0	35,7	2 400
76,0	21,3	30,9	2 100

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m	o	m	kg
 83,0 m			
12,2	82,9	84,7	38 700 *
13,0	82,3	84,6	38 500 *
14,0	81,6	84,4	38 200 *
15,0	80,9	84,3	37 900 *
16,0	80,2	84,1	37 600 *
18,0	78,8	83,7	37 000 *
20,0	77,4	83,3	36 300
22,0	76,0	82,8	33 700
24,0	74,5	82,2	29 300
26,0	73,1	81,7	25 900
28,0	71,7	81,0	23 100
30,0	70,2	80,3	20 700
32,0	68,7	79,5	18 600
34,0	67,2	78,7	16 800
36,0	65,7	77,8	15 200
38,0	64,2	76,8	13 900
40,0	62,6	75,8	12 600
42,0	61,0	74,7	11 500
44,0	59,4	73,6	10 500
46,0	57,8	72,3	9 600
48,0	56,2	71,0	8 800
50,0	54,5	69,6	8 000
52,0	52,8	68,1	7 300
54,0	51,0	66,5	6 700
56,0	49,2	64,8	6 100
58,0	47,3	63,0	5 600
60,0	45,4	61,0	5 000
62,0	43,4	59,0	4 600
64,0	41,3	56,7	4 100
66,0	39,2	54,3	3 700
68,0	36,9	51,7	3 300
70,0	34,5	48,9	3 000
72,0	32,0	45,8	2 600
74,0	29,2	42,3	2 300
76,0	26,2	38,5	1 900

m	o	m	kg
 86,0 m			
12,8	82,7	87,7	35 500 *
13,0	82,6	87,6	35 500 *
14,0	81,9	87,5	35 200 *
15,0	81,2	87,3	34 900 *
16,0	80,6	87,2	34 600 *
18,0	79,2	86,8	34 100 *
20,0	77,8	86,4	33 600 *
22,0	76,5	85,9	32 500
24,0	75,1	85,4	29 300
26,0	73,7	84,8	25 800
28,0	72,3	84,2	22 900
30,0	70,9	83,5	20 500
32,0	69,5	82,7	18 500
34,0	68,1	81,9	16 700
36,0	66,6	81,1	15 100
38,0	65,1	80,2	13 700
40,0	63,7	79,2	12 500
42,0	62,2	78,2	11 400
44,0	60,6	77,0	10 400
46,0	59,1	75,8	9 400
48,0	57,5	74,6	8 600
50,0	55,9	73,3	7 900
52,0	54,3	71,8	7 200
54,0	52,6	70,3	6 600
56,0	50,9	68,7	6 000
58,0	49,1	67,0	5 400
60,0	47,3	65,2	4 900
62,0	45,5	63,3	4 400
64,0	43,6	61,2	4 000
66,0	41,6	59,0	3 600
68,0	39,5	56,6	3 200
70,0	37,3	54,1	2 800
72,0	35,1	51,3	2 500
74,0	32,6	48,2	2 100

m	o	m	kg
 89,0 m			
12,8	83,0	90,7	32 700 *
13,0	82,8	90,7	32 700 *
14,0	82,2	90,5	32 400 *
15,0	81,5	90,4	32 100 *
16,0	80,9	90,2	31 900 *
18,0	79,6	89,8	31 300 *
20,0	78,3	89,4	30 800 *
22,0	76,9	89,0	30 300 *
24,0	75,6	88,5	28 900
26,0	74,3	87,9	25 600
28,0	72,9	87,3	22 800
30,0	71,6	86,7	20 400
32,0	70,2	85,9	18 300
34,0	68,8	85,2	16 500
36,0	67,4	84,3	14 900
38,0	66,0	83,5	13 500
40,0	64,6	82,5	12 300
42,0	63,2	81,5	11 200
44,0	61,7	80,5	10 200
46,0	60,2	79,3	9 300
48,0	58,7	78,1	8 400
50,0	57,2	76,9	7 700
52,0	55,7	75,5	7 000
54,0	54,1	74,1	6 400
56,0	52,5	72,6	5 800
58,0	50,8	71,0	5 200
60,0	49,1	69,3	4 700
62,0	47,4	67,4	4 200
64,0	45,6	65,5	3 800
66,0	43,7	63,5	3 400
68,0	41,8	61,3	3 000
70,0	39,8	58,9	2 600
72,0	37,8	56,4	2 300 *