


Liftcrane Boom Capacities

Boom No. B10:82A
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

MLC250 SERIES 3


 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.


Upper boom point capacity for liftcrane service with single part whip line from Drum 1 or Drum 2 is 13 380 kg or 26 760 kg with two part whip line. When Drum 3 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 all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves is considered part of 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.

BOOM BACKWARD STABILITY: Capacities indicated by (b) require 5 670 kg minimum weight. **Caution: Do not operate in areas indicated by (b) without required minimum weight. Boom may not lower and boom hoist wire rope may go slack causing wire rope damage or failure.**

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface with gantry up. Drive and idler tumbler must be properly blocked so that centerline of tumbler become tipping fulcrum. Swing is limited to that sector shown on Operating Range Diagram chart **No. 9906-A**. Refer to Boom Rigging **No. 80137888**, Wire Rope Specifications chart **No. 9909-A**, Counterweight Arrangements chart **No. 9893-A**, and Wind Conditions chart **No. 9908-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 the Operator 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 (°) 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 8 585 mm crawlers, 1 200 mm or 1 524 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, and boom support straps.

Consult chart **No. 9914-AM** when Jib No. 134 is attached.

Deduct From Capacities When Jib No. 134 Is Attached			
Jib Length (m)	Jib Offset Angle		
	5°	15°	25°
Deduct (kg)			
9,1	2 275	2 600	3 100
12,2	2 650	3 325	4 050
15,2	3 050	4 000	5 000
18,3	3 500	4 725	5 900
21,3	3 825	5 275	6 775
24,4	4 225	5 875	7 675

Weight of jib and 1 360 kg suspended beneath jib point have been included in determination of deduct.

Refer to Table 1 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. For boom lengths shown with (a), upper boom point must be removed.

Combined weight beneath boom point sheaves must not exceed block weight shown.

Table 1

Boom Length (m)	Maximum Number of Lower Boom Point Sheaves	Over End of Blocked Crawlers
		Block Weight (kg)
21,3 - 61,0	8	4 525
64,0	8	3 750
67,1	8	2 700
70,1	8	2 300
73,2	8	1 950
76,2	2	1 900
79,2	2	1 850
82,3	2	1 350
85,3	2	#
88,4 (a)	2	#

REFERENCE ONLY!

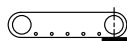
Explanation of Symbols



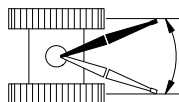
Boom No. B10:82A



Crane Counterweight
+
Carbody Counterweight



Blocked Crawler



Limited Swing



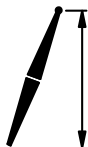
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)

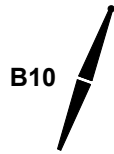


Lifting Capacities
(see page 1)

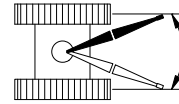
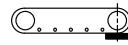
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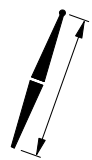
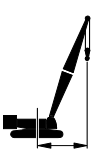

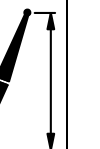

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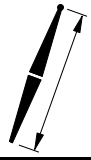
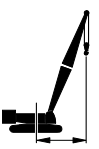

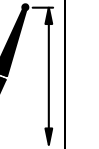



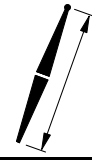
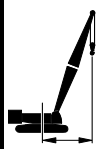
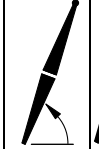


 99 610 kg
+
36 290 kg



 18,3 m			
 m	 °	 m	 kg
4,6	82,6	20,5	250 000 1

1 Note: Special equipment required.

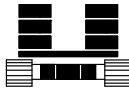
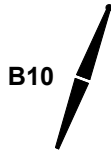
 21,3 m			
 m	 °	 m	 kg
4,9	82,8	23,6	226 700 b
5,0	82,5	23,6	219 900 b
5,5	81,1	23,5	198 500 b
6,0	79,7	23,4	183 100 b
7,0	77,0	23,1	158 300 b
8,0	74,2	22,8	139 000
9,0	71,3	22,5	123 900
10,0	68,4	22,1	111 600
11,0	65,5	21,6	101 400
12,0	62,5	21,1	92 900
13,0	59,3	20,5	85 500
14,0	56,1	19,8	79 200
15,0	52,7	19,1	73 200
16,0	49,1	18,2	66 600
18,0	41,3	16,1	54 500
20,0	31,9	13,2	44 500

 24,4 m			
 m	 °	 m	 kg
5,2	83,0	26,6	203 300 b
5,5	82,2	26,6	198 100 b
6,0	81,0	26,5	182 700 b
7,0	78,6	26,3	158 000 b
8,0	76,2	26,0	138 700
9,0	73,8	25,7	123 600
10,0	71,3	25,4	111 300
11,0	68,8	25,0	101 100
12,0	66,2	24,5	92 600
13,0	63,5	24,0	85 300
14,0	60,9	23,5	78 900
15,0	58,1	22,8	73 400
16,0	55,2	22,1	68 400
18,0	49,1	20,5	57 700
20,0	42,4	18,4	48 300
22,0	34,5	15,8	40 400
24,0	24,5	12,0	33 200

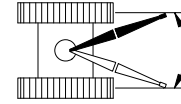
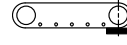
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99 610 kg
+
36 290 kg



27,4 m

m	o	m	kg
5,8	82,5	29,6	182 500 b
6,0	82,0	29,6	180 500 b
7,0	79,9	29,4	157 700 b
8,0	77,8	29,2	138 400
9,0	75,6	28,9	123 300
10,0	73,4	28,6	111 100
11,0	71,2	28,2	100 800
12,0	69,0	27,9	92 300
13,0	66,7	27,4	85 000
14,0	64,4	26,9	78 700
15,0	62,0	26,4	73 200
16,0	59,6	25,8	68 500
18,0	54,5	24,4	59 700
20,0	49,1	22,8	50 700
22,0	43,2	20,8	43 100
24,0	36,4	18,2	36 700
26,0	28,3	14,9	30 900

30,5 m

m	o	m	kg
6,1	82,7	32,6	174 900 b
7,0	80,9	32,5	157 700 b
8,0	79,0	32,3	138 400
9,0	77,1	32,1	123 300
10,0	75,1	31,8	111 000
11,0	73,2	31,5	100 800
12,0	71,2	31,1	92 300
13,0	69,2	30,7	85 000
14,0	67,1	30,3	78 700
15,0	65,1	29,8	73 200
16,0	62,9	29,3	68 500
18,0	58,6	28,1	60 300
20,0	54,0	26,7	52 600
22,0	49,1	25,1	45 200
24,0	43,8	23,1	38 900
26,0	37,9	20,7	33 500
28,0	31,0	17,6	28 700
30,0	22,2	13,4	24 100

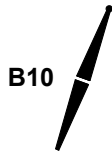
33,5 m

m	o	m	kg
6,7	82,3	35,6	159 200
7,0	81,8	35,6	155 100
8,0	80,0	35,4	138 100
9,0	78,3	35,2	123 000
10,0	76,5	34,9	110 700
11,0	74,8	34,7	100 500
12,0	73,0	34,4	92 000
13,0	71,2	34,0	84 700
14,0	69,3	33,6	78 400
15,0	67,5	33,2	72 900
16,0	65,6	32,7	68 200
18,0	61,7	31,7	60 000
20,0	57,7	30,5	53 000
22,0	53,5	29,1	46 300
24,0	49,1	27,4	40 200
26,0	44,3	25,4	34 900
28,0	39,0	23,1	30 400
30,0	33,1	20,2	26 400
32,0	25,8	16,5	22 600

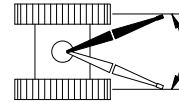
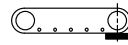
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ASME B30.5



99 610 kg
+
36 290 kg



36,6 m

m	o	m	kg
6,7	82,9	38,7	147 100
7,0	82,5	38,7	147 100
8,0	80,9	38,5	138 000
9,0	79,3	38,3	122 900
10,0	77,7	38,1	110 600
11,0	76,1	37,8	100 400
12,0	74,4	37,5	91 900
13,0	72,8	37,2	84 600
14,0	71,1	36,9	78 300
15,0	69,5	36,5	72 800
16,0	67,8	36,1	68 100
18,0	64,3	35,2	59 900
20,0	60,7	34,1	53 000
22,0	57,0	32,8	46 400
24,0	53,2	31,4	41 100
26,0	49,1	29,7	36 200
28,0	44,7	27,7	31 800
30,0	40,0	25,5	27 900
32,0	34,7	22,7	24 300
34,0	28,5	19,3	21 100
36,0	20,6	14,7	17 900

39,6 m

m	o	m	kg
7,3	82,6	41,7	133 800
8,0	81,6	41,6	133 200
9,0	80,1	41,4	122 700
10,0	78,6	41,2	110 400
11,0	77,2	41,0	100 200
12,0	75,7	40,7	91 700
13,0	74,2	40,4	84 400
14,0	72,6	40,1	78 100
15,0	71,1	39,8	72 600
16,0	69,6	39,4	67 900
18,0	66,4	38,5	59 800
20,0	63,2	37,6	52 900
22,0	59,9	36,4	46 300
24,0	56,4	35,1	41 000
26,0	52,8	33,7	36 600
28,0	49,1	32,0	32 700
30,0	45,1	30,1	28 800
32,0	40,7	27,8	25 400
34,0	36,0	25,2	22 400
36,0	30,5	22,0	19 600
38,0	24,0	18,0	16 900

42,7 m

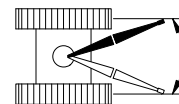
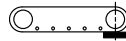
m	o	m	kg
7,9	82,3	44,7	133 000
8,0	82,2	44,7	132 600
9,0	80,8	44,5	122 600
10,0	79,5	44,3	110 300
11,0	78,1	44,1	100 100
12,0	76,7	43,9	91 600
13,0	75,3	43,6	84 300
14,0	73,9	43,3	78 000
15,0	72,5	43,0	72 500
16,0	71,1	42,6	67 800
18,0	68,2	41,9	59 600
20,0	65,3	41,0	52 900
22,0	62,2	39,9	46 300
24,0	59,1	38,8	40 900
26,0	55,9	37,5	36 500
28,0	52,6	36,0	32 900
30,0	49,1	34,3	29 500
32,0	45,4	32,4	26 200
34,0	41,4	30,2	23 300
36,0	37,0	27,7	20 600
38,0	32,2	24,7	18 200
40,0	26,6	21,0	15 800
42,0	19,4	16,0	13 400

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ASME B30.5



99 610 kg
+
36 290 kg



45,7 m

m	o	m	kg
7,9	82,8	47,8	120 100
8,0	82,7	47,8	119 800
9,0	81,4	47,6	115 400
10,0	80,2	47,4	109 700
11,0	78,9	47,2	99 800
12,0	77,6	47,0	91 300
13,0	76,3	46,8	84 000
14,0	75,0	46,5	77 600
15,0	73,7	46,2	72 200
16,0	72,4	45,9	67 500
18,0	69,7	45,1	59 300
20,0	67,0	44,3	52 600
22,0	64,3	43,4	46 100
24,0	61,4	42,3	40 700
26,0	58,5	41,1	36 300
28,0	55,5	39,8	32 700
30,0	52,3	38,3	29 600
32,0	49,1	36,6	26 700
34,0	45,6	34,7	23 800
36,0	41,9	32,5	21 200
38,0	37,9	30,1	18 800
40,0	33,6	27,2	16 600
42,0	28,6	23,8	14 500
44,0	22,6	19,4	12 500

48,8 m

m	o	m	kg
8,5	82,5	50,8	107 000
9,0	82,0	50,7	107 000
10,0	80,8	50,5	106 300
11,0	79,6	50,3	99 600
12,0	78,4	50,1	91 100
13,0	77,2	49,9	83 800
14,0	76,0	49,6	77 500
15,0	74,8	49,4	72 000
16,0	73,5	49,1	67 400
18,0	71,1	48,4	59 200
20,0	68,5	47,6	52 500
22,0	66,0	46,8	46 000
24,0	63,4	45,8	40 600
26,0	60,7	44,7	36 200
28,0	57,9	43,5	32 600
30,0	55,1	42,1	29 400
32,0	52,1	40,6	26 800
34,0	49,1	38,9	24 300
36,0	45,8	37,0	21 700
38,0	42,4	34,9	19 400
40,0	38,7	32,5	17 200
42,0	34,7	29,7	15 300
44,0	30,2	26,5	13 400
46,0	25,0	22,5	11 600
48,0	18,5	17,3	9 800

51,8 m

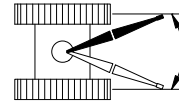
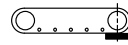
m	o	m	kg
8,5	83,0	53,8	105 100
9,0	82,5	53,8	103 500
10,0	81,3	53,6	100 200
11,0	80,2	53,4	97 000
12,0	79,1	53,2	90 900
13,0	78,0	53,0	83 600
14,0	76,8	52,8	77 300
15,0	75,7	52,5	71 800
16,0	74,5	52,3	67 100
18,0	72,2	51,6	59 000
20,0	69,9	50,9	52 300
22,0	67,5	50,1	45 800
24,0	65,1	49,2	40 500
26,0	62,6	48,2	36 000
28,0	60,0	47,0	32 400
30,0	57,4	45,8	29 300
32,0	54,7	44,4	26 600
34,0	52,0	42,9	24 300
36,0	49,1	41,2	22 000
38,0	46,0	39,3	19 700
40,0	42,8	37,2	17 600
42,0	39,4	34,9	15 700
44,0	35,7	32,2	14 000
46,0	31,6	29,1	12 300
48,0	27,0	25,4	10 700
50,0	21,5	20,8	9 100

MLC250 S-3

ASME B30.5



99 610 kg
+
36 290 kg



54,9 m

m	°	m	kg
9,1	82,7	56,8	93 600
10,0	81,8	56,7	93 600
11,0	80,8	56,5	92 400
12,0	79,7	56,4	89 500
13,0	78,6	56,2	83 400
14,0	77,6	55,9	77 100
15,0	76,5	55,7	71 700
16,0	75,4	55,4	67 000
18,0	73,2	54,8	58 800
20,0	71,0	54,2	52 100
22,0	68,8	53,4	45 700
24,0	66,5	52,5	40 300
26,0	64,2	51,6	35 900
28,0	61,9	50,6	32 300
30,0	59,5	49,4	29 200
32,0	57,0	48,1	26 500
34,0	54,4	46,7	24 200
36,0	51,8	45,2	22 100
38,0	49,0	43,5	20 100
40,0	46,2	41,6	18 000
42,0	43,2	39,5	16 100
44,0	40,0	37,2	14 400
46,0	36,6	34,6	12 800
48,0	32,8	31,7	11 300
50,0	28,6	28,2	9 800
52,0	23,8	24,0	8 400

57,9 m

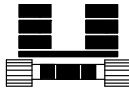
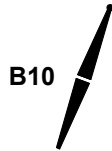
m	°	m	kg
9,8	82,5	59,8	89 300
10,0	82,3	59,8	88 700
11,0	81,3	59,6	86 200
12,0	80,3	59,5	83 700
13,0	79,2	59,3	81 300
14,0	78,2	59,1	76 800
15,0	77,2	58,8	71 300
16,0	76,2	58,6	66 700
18,0	74,2	58,0	58 500
20,0	72,1	57,4	51 800
22,0	70,0	56,7	45 500
24,0	67,8	55,9	40 200
26,0	65,7	55,0	35 700
28,0	63,5	54,0	32 100
30,0	61,2	52,9	29 000
32,0	58,9	51,7	26 300
34,0	56,6	50,4	24 000
36,0	54,1	49,0	21 900
38,0	51,6	47,5	20 100
40,0	49,0	45,8	18 300
42,0	46,3	43,9	16 400
44,0	43,5	41,9	14 700
46,0	40,5	39,6	13 100
48,0	37,3	37,1	11 600
50,0	33,9	34,2	10 200
52,0	30,0	30,9	8 900
54,0	25,7	27,0	7 600
56,0	20,5	22,2	6 300

61,0 m

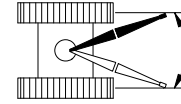
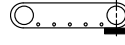
m	°	m	kg
9,8	82,9	62,9	80 200
10,0	82,7	62,9	80 200
11,0	81,7	62,7	80 200
12,0	80,7	62,6	79 200
13,0	79,8	62,4	77 000
14,0	78,8	62,2	74 800
15,0	77,9	62,0	71 200
16,0	76,9	61,7	66 500
18,0	75,0	61,2	58 300
20,0	73,0	60,6	51 700
22,0	71,0	59,9	45 400
24,0	69,0	59,2	40 000
26,0	67,0	58,3	35 600
28,0	64,9	57,4	31 900
30,0	62,8	56,4	28 800
32,0	60,7	55,3	26 100
34,0	58,5	54,1	23 800
36,0	56,2	52,8	21 800
38,0	53,9	51,3	20 000
40,0	51,5	49,8	18 300
42,0	49,0	48,1	16 600
44,0	46,5	46,2	14 900
46,0	43,8	44,2	13 300
48,0	41,0	41,9	11 900
50,0	38,0	39,5	10 500
52,0	34,8	36,7	9 300
54,0	31,2	33,5	8 100
56,0	27,3	29,9	6 900
58,0	22,8	25,5	5 700

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99 610 kg
+
36 290 kg



64,0 m

m	o	m	kg
10,4	82,7	65,9	77 800
11,0	82,1	65,8	77 300
12,0	81,2	65,6	75 400
13,0	80,3	65,5	73 400
14,0	79,4	65,3	71 300
15,0	78,5	65,1	69 300
16,0	77,5	64,8	65 800
18,0	75,7	64,4	58 100
20,0	73,8	63,8	51 400
22,0	72,0	63,1	45 200
24,0	70,1	62,4	39 800
26,0	68,1	61,6	35 400
28,0	66,2	60,8	31 800
30,0	64,2	59,8	28 600
32,0	62,2	58,8	25 900
34,0	60,1	57,7	23 600
36,0	58,0	56,4	21 600
38,0	55,9	55,1	19 800
40,0	53,7	53,7	18 200
42,0	51,4	52,1	16 600
44,0	49,0	50,4	15 000
46,0	46,6	48,5	13 400
48,0	44,1	46,5	12 000
50,0	41,4	44,3	10 700
52,0	38,6	41,9	9 400
54,0	35,6	39,2	8 300
56,0	32,3	36,1	7 200
58,0	28,7	32,6	6 100
60,0	24,6	28,5	5 100
62,0	19,7	23,5	4 000

67,1 m

m	o	m	kg
10,4	83,0	69,0	70 400
11,0	82,5	68,9	70 100
12,0	81,6	68,7	69 800
13,0	80,7	68,6	69 300
14,0	79,9	68,4	67 800
15,0	79,0	68,2	65 800
16,0	78,1	68,0	63 900
18,0	76,4	67,5	57 900
20,0	74,6	67,0	51 300
22,0	72,8	66,4	45 100
24,0	71,0	65,7	39 700
26,0	69,2	64,9	35 200
28,0	67,3	64,1	31 600
30,0	65,5	63,2	28 500
32,0	63,6	62,2	25 800
34,0	61,6	61,2	23 500
36,0	59,6	60,0	21 400
38,0	57,6	58,8	19 600
40,0	55,6	57,4	18 000
42,0	53,5	56,0	16 600
44,0	51,3	54,4	15 100
46,0	49,0	52,7	13 500
48,0	46,7	50,8	12 100
50,0	44,3	48,8	10 800
52,0	41,8	46,6	9 600
54,0	39,1	44,2	8 400
56,0	36,3	41,6	7 400
58,0	33,2	38,7	6 300
60,0	29,9	35,3	5 400
62,0	26,2	31,5	4 400
64,0	21,9	26,9	3 500

70,1 m

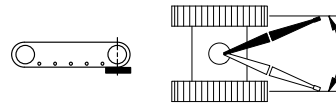
m	o	m	kg
11,0	82,8	72,0	63 600
12,0	82,0	71,8	63 200
13,0	81,1	71,7	62 600
14,0	80,3	71,5	61 700
15,0	79,5	71,3	61 000
16,0	78,6	71,1	59 800
18,0	77,0	70,6	56 800
20,0	75,3	70,1	51 000
22,0	73,6	69,5	44 900
24,0	71,9	68,9	39 500
26,0	70,1	68,2	35 000
28,0	68,4	67,4	31 400
30,0	66,6	66,6	28 200
32,0	64,8	65,6	25 500
34,0	63,0	64,6	23 200
36,0	61,1	63,5	21 200
38,0	59,2	62,4	19 400
40,0	57,3	61,1	17 800
42,0	55,3	59,7	16 300
44,0	53,3	58,3	15 000
46,0	51,2	56,7	13 500
48,0	49,0	55,0	12 100
50,0	46,8	53,1	10 800
52,0	44,5	51,1	9 500
54,0	42,1	49,0	8 400
56,0	39,6	46,6	7 400
58,0	36,9	44,0	6 400
60,0	34,0	41,2	5 400
62,0	30,9	38,0	4 500
64,0	27,5	34,3	3 600
66,0	23,7	30,0	2 800

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99 610 kg
+
36 290 kg



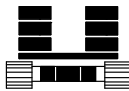
73,2 m			
m	o	m	kg
11,6	82,6	75,0	57 600
12,0	82,3	74,9	57 400
13,0	81,5	74,7	56 800
14,0	80,7	74,6	56 000
15,0	79,9	74,4	55 200
16,0	79,1	74,2	54 400
18,0	77,5	73,8	52 800
20,0	75,9	73,3	50 400
22,0	74,3	72,7	44 700
24,0	72,6	72,1	39 300
26,0	71,0	71,4	34 900
28,0	69,3	70,7	31 200
30,0	67,6	69,9	28 100
32,0	65,9	69,0	25 400
34,0	64,2	68,0	23 000
36,0	62,4	67,0	21 000
38,0	60,6	65,9	19 200
40,0	58,8	64,7	17 600
42,0	56,9	63,4	16 100
44,0	55,0	62,1	14 800
46,0	53,1	60,6	13 500
48,0	51,1	59,0	12 100
50,0	49,0	57,3	10 800
52,0	46,9	55,4	9 600
54,0	44,7	53,5	8 500
56,0	42,4	51,3	7 400
58,0	40,0	49,0	6 400
60,0	37,5	46,5	5 500
62,0	34,8	43,7	4 600
64,0	31,9	40,6	3 800
66,0	28,7	37,1	3 000
68,0	25,2	33,0	2 200

76,2 m			
m	o	m	kg
11,6	82,9	78,0	52 700
12,0	82,6	78,0	52 400
13,0	81,9	77,8	51 600
14,0	81,1	77,7	50 800
15,0	80,3	77,5	50 000
16,0	79,6	77,3	49 300
18,0	78,0	76,9	47 800
20,0	76,5	76,4	46 400
22,0	74,9	75,9	44 200
24,0	73,4	75,3	39 500
26,0	71,8	74,7	35 000
28,0	70,2	74,0	31 400
30,0	68,6	73,2	28 200
32,0	66,9	72,3	25 500
34,0	65,3	71,4	23 200
36,0	63,6	70,5	21 100
38,0	61,9	69,4	19 300
40,0	60,2	68,3	17 700
42,0	58,4	67,1	16 300
44,0	56,6	65,8	15 000
46,0	54,8	64,4	13 800
48,0	52,9	62,9	12 500
50,0	51,0	61,3	11 200
52,0	49,0	59,6	10 000
54,0	47,0	57,8	8 900
56,0	44,9	55,8	7 900
58,0	42,7	53,7	6 900
60,0	40,4	51,4	6 000
62,0	38,0	48,9	5 100
64,0	35,4	46,1	4 300
66,0	32,7	43,1	3 500
68,0	29,8	39,7	2 800
70,0	26,5	35,9	2 000

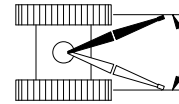
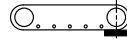
79,2 m			
m	o	m	kg
12,2	82,8	81,0	47 700
13,0	82,2	80,9	47 100
14,0	81,4	80,8	46 300
15,0	80,7	80,6	45 600
16,0	80,0	80,4	44 900
18,0	78,5	80,0	43 500
20,0	77,0	79,6	42 200
22,0	75,5	79,1	41 000
24,0	74,0	78,5	38 900
26,0	72,5	77,9	34 800
28,0	71,0	77,2	31 200
30,0	69,4	76,5	28 000
32,0	67,9	75,7	25 300
34,0	66,3	74,8	23 000
36,0	64,7	73,9	21 000
38,0	63,1	72,9	19 100
40,0	61,5	71,8	17 500
42,0	59,8	70,6	16 100
44,0	58,1	69,4	14 800
46,0	56,4	68,1	13 600
48,0	54,6	66,7	12 500
50,0	52,8	65,2	11 200
52,0	50,9	63,6	10 000
54,0	49,0	61,9	8 900
56,0	47,1	60,1	7 900
58,0	45,0	58,1	6 900
60,0	42,9	56,0	6 000
62,0	40,8	53,7	5 100
64,0	38,5	51,3	4 300
66,0	36,0	48,6	3 600
68,0	33,5	45,6	2 800
70,0	30,7	42,4	2 100

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99 610 kg
+
36 290 kg



82,3 m			
m	o	m	kg
12,2	83,0	84,1	43 600
13,0	82,5	84,0	43 100
14,0	81,8	83,8	42 300
15,0	81,1	83,7	41 700
16,0	80,3	83,5	41 000
18,0	78,9	83,1	39 700
20,0	77,5	82,7	38 500
22,0	76,1	82,2	37 300
24,0	74,6	81,7	36 200
26,0	73,2	81,1	34 600
28,0	71,7	80,4	31 000
30,0	70,2	79,7	27 800
32,0	68,7	78,9	25 100
34,0	67,2	78,1	22 800
36,0	65,7	77,2	20 700
38,0	64,2	76,3	18 900
40,0	62,6	75,2	17 300
42,0	61,0	74,2	15 900
44,0	59,4	73,0	14 600
46,0	57,8	71,7	13 400
48,0	56,1	70,4	12 300
50,0	54,4	69,0	11 100
52,0	52,6	67,5	9 900
54,0	50,9	65,9	8 700
56,0	49,0	64,2	7 700
58,0	47,1	62,4	6 700
60,0	45,2	60,4	5 800
62,0	43,2	58,3	5 000
64,0	41,1	56,1	4 200
66,0	38,9	53,6	3 400
68,0	36,6	51,0	2 700
70,0	34,2	48,1	2 000

85,3 m			
m	o	m	kg
12,8	82,9	87,1	39 200
13,0	82,7	87,1	39 100
14,0	82,1	86,9	38 400
15,0	81,4	86,8	37 800
16,0	80,7	86,6	37 100
18,0	79,3	86,2	36 000
20,0	78,0	85,8	34 900
22,0	76,6	85,3	33 700
24,0	75,2	84,8	32 700
26,0	73,8	84,3	31 700
28,0	72,4	83,6	30 300
30,0	71,0	83,0	27 600
32,0	69,5	82,2	24 900
34,0	68,1	81,4	22 600
36,0	66,6	80,6	20 500
38,0	65,2	79,7	18 700
40,0	63,7	78,7	17 100
42,0	62,1	77,6	15 700
44,0	60,6	76,5	14 400
46,0	59,1	75,3	13 200
48,0	57,5	74,1	12 100
50,0	55,9	72,7	11 000
52,0	54,2	71,3	9 800
54,0	52,5	69,8	8 700
56,0	50,8	68,2	7 700
58,0	49,0	66,5	6 700
60,0	47,2	64,7	5 800
62,0	45,3	62,7	4 900
64,0	43,4	60,6	4 200
66,0	41,4	58,4	3 400
68,0	39,3	56,0	2 700
70,0	37,1	53,4	2 000

88,4 m			
m	o	m	kg
13,4	82,7	90,1	35 600
14,0	82,3	90,0	35 200
15,0	81,7	89,9	34 600
16,0	81,0	89,7	34 000
18,0	79,7	89,3	32 900
20,0	78,4	88,9	31 800
22,0	77,1	88,5	30 800
24,0	75,7	88,0	29 800
26,0	74,4	87,4	28 900
28,0	73,0	86,8	28 000
30,0	71,7	86,2	26 600
32,0	70,3	85,5	24 700
34,0	68,9	84,7	22 400
36,0	67,5	83,9	20 300
38,0	66,1	83,0	18 500
40,0	64,6	82,1	16 900
42,0	63,2	81,1	15 500
44,0	61,7	80,0	14 100
46,0	60,2	78,9	13 000
48,0	58,7	77,7	11 900
50,0	57,2	76,4	10 800
52,0	55,6	75,1	9 700
54,0	54,0	73,6	8 600
56,0	52,4	72,1	7 500
58,0	50,7	70,5	6 600
60,0	49,0	68,8	5 700
62,0	47,3	67,0	4 800
64,0	45,5	65,0	4 000
66,0	43,6	63,0	3 300
68,0	41,7	60,8	2 600
70,0	39,7	58,4	1 900