


Liftcrane Boom Capacities

Boom No. B10:76A
83 730 kg Crane Counterweight
27 400 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

MLC200 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 14 290 kg or 27 220 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 4 540 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. A015-A**. Refer to Boom Rigging **No. 80149429**, Wire Rope Specifications chart **No. A018-A**, Counterweight Arrangements chart **No. A004-A**, and Wind Conditions chart **No. A017-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 8 280 mm crawlers, 1 200 mm treads, 3 124 mm retractable gantry, 8 250 mm live mast, 20 part boom hoist reeving, and boom support straps.

Consult chart **No. A023-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	2 650	2 875	3 425
12,2	3 000	3 550	4 325
15,2	3 375	4 225	5 275
18,3	3 725	4 900	6 175
21,3	4 050	5 450	7 000
24,4	4 450	6 000	7 900

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

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

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)
20,0 - 62,0	7	3 625
65,0	7	3 625
68,0	7	2 900
71,0	2	2 525
74,0	2	1 900
77,0	2	1 475
80,0	2	#
83,0	2	#
86,0	2	#
89,0 (a)	2	#

REFERENCE ONLY!

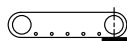
Explanation of Symbols



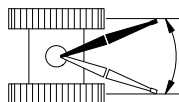
Boom No. B10:76A



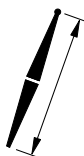
Crane Counterweight
+
Carbody Counterweight



Blocked Crawler



Limited Swing



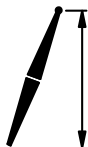
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



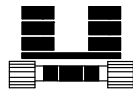
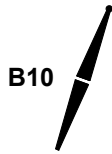
Boom Point Elevation
(see page 1)



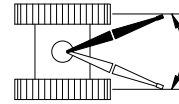
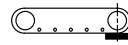
Lifting Capacities
(see page 1)

MLC200 S-3

ASME B30.5



83 730 kg
+
27 400 kg



20,0 m			
m	°	m	kg
4,3	84,1	22,3	200 000 b
4,5	83,4	22,2	189 200 b
5,0	82,0	22,1	171 300 b
5,5	80,5	22,0	156 700 b
6,0	79,0	21,9	144 400 b
6,5	77,6	21,8	133 800 b
7,0	76,1	21,7	124 500 b
7,5	74,6	21,5	116 500
8,0	73,1	21,4	109 400
8,5	71,6	21,2	103 000
9,0	70,0	21,0	97 400
9,5	68,5	20,8	92 200
10,0	66,9	20,6	87 600
10,5	65,3	20,3	83 400
11,0	63,7	20,0	79 600
12,0	60,4	19,5	72 800
13,0	57,0	18,8	67 000
14,0	53,4	18,1	62 000
15,0	49,6	17,2	57 600
16,0	45,6	16,2	53 900
18,0	36,5	13,8	47 400
20,0	24,5	10,1	41 000

23,0 m			
m	°	m	kg
5,2	82,6	25,1	165 400 b
5,5	81,8	25,1	156 500 b
6,0	80,5	25,0	144 200 b
6,5	79,2	24,9	133 600 b
7,0	77,9	24,8	124 400 b
7,5	76,7	24,7	116 300
8,0	75,4	24,5	109 200
8,5	74,1	24,4	102 900
9,0	72,8	24,2	97 200
9,5	71,4	24,0	92 100
10,0	70,1	23,8	87 500
10,5	68,8	23,6	83 300
11,0	67,4	23,4	79 400
12,0	64,6	22,9	72 700
13,0	61,8	22,4	66 900
14,0	58,9	21,8	61 900
15,0	55,9	21,1	57 500
16,0	52,7	20,3	53 800
18,0	46,0	18,5	47 300
20,0	38,3	16,2	42 100
22,0	28,9	13,0	37 800

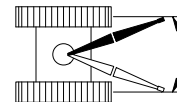
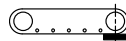
26,0 m			
m	°	m	kg
5,5	82,8	28,1	156 700
6,0	81,6	28,0	144 100
6,5	80,5	28,0	133 500
7,0	79,4	27,9	124 300
7,5	78,2	27,7	116 300
8,0	77,1	27,6	109 200
8,5	76,0	27,5	102 800
9,0	74,8	27,3	97 200
9,5	73,7	27,2	92 000
10,0	72,5	27,0	87 400
10,5	71,3	26,8	83 200
11,0	70,1	26,7	79 400
12,0	67,8	26,2	72 600
13,0	65,3	25,8	66 800
14,0	62,8	25,3	61 800
15,0	60,3	24,7	57 500
16,0	57,7	24,0	53 800
18,0	52,2	22,6	47 300
20,0	46,2	20,7	42 100
22,0	39,6	18,5	37 800
24,0	31,7	15,5	33 900
26,0	21,3	11,2	30 100

MLC200 S-3

ASME B30.5



83 730 kg
+
27 400 kg



29,0 m

m	o	m	kg
5,8	82,9	31,1	148 700
6,0	82,5	31,1	143 900
6,5	81,5	31,0	133 300
7,0	80,5	30,9	124 100
7,5	79,5	30,8	116 100
8,0	78,4	30,7	108 900
8,5	77,4	30,6	102 600
9,0	76,4	30,4	96 900
9,5	75,4	30,3	91 800
10,0	74,4	30,2	87 200
10,5	73,3	30,0	83 000
11,0	72,3	29,8	79 200
12,0	70,2	29,5	72 400
13,0	68,0	29,1	66 700
14,0	65,9	28,6	61 600
15,0	63,7	28,1	57 300
16,0	61,4	27,6	53 600
18,0	56,7	26,3	47 100
20,0	51,8	24,8	41 900
22,0	46,4	23,0	37 700
24,0	40,5	20,7	33 800
26,0	33,8	18,0	30 200
28,0	25,4	14,2	27 200

32,0 m

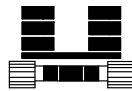
m	o	m	kg
6,1	83,0	34,1	141 600
6,5	82,3	34,1	133 300
7,0	81,4	34,0	124 000
7,5	80,5	33,9	116 000
8,0	79,6	33,8	108 900
8,5	78,6	33,7	102 600
9,0	77,7	33,6	96 900
9,5	76,8	33,4	91 800
10,0	75,9	33,3	87 200
10,5	74,9	33,2	83 000
11,0	74,0	33,0	79 200
12,0	72,1	32,7	72 400
13,0	70,2	32,3	66 600
14,0	68,3	31,9	61 600
15,0	66,3	31,5	57 300
16,0	64,3	31,0	53 600
18,0	60,2	29,9	47 100
20,0	56,0	28,6	41 900
22,0	51,5	27,0	37 700
24,0	46,6	25,2	33 900
26,0	41,4	23,1	30 300
28,0	35,4	20,4	27 300
30,0	28,4	17,1	24 700
32,0	19,0	12,2	22 400

35,0 m

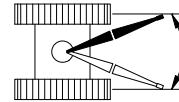
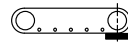
m	o	m	kg
6,4	83,1	37,1	135 000
6,5	82,9	37,1	133 000
7,0	82,1	37,0	123 800
7,5	81,3	36,9	115 800
8,0	80,5	36,8	108 700
8,5	79,6	36,7	102 300
9,0	78,8	36,6	96 700
9,5	77,9	36,5	91 600
10,0	77,1	36,4	87 000
10,5	76,3	36,3	82 800
11,0	75,4	36,1	78 900
12,0	73,7	35,8	72 200
13,0	72,0	35,5	66 400
14,0	70,2	35,1	61 400
15,0	68,5	34,7	57 100
16,0	66,7	34,3	53 400
18,0	63,0	33,3	46 900
20,0	59,3	32,2	41 700
22,0	55,3	30,8	37 500
24,0	51,2	29,3	33 700
26,0	46,7	27,4	30 200
28,0	42,0	25,3	27 200
30,0	36,7	22,8	24 600
32,0	30,6	19,6	22 400
34,0	23,0	15,5	20 500

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ASME B30.5



83 730 kg
+
27 400 kg



38,0 m			
m	°	m	kg
6,7	83,2	40,1	128 200
7,0	82,8	40,0	123 600
7,5	82,0	40,0	115 700
8,0	81,2	39,9	108 500
8,5	80,5	39,8	102 200
9,0	79,7	39,7	96 600
9,5	78,9	39,6	91 400
10,0	78,1	39,5	86 800
10,5	77,4	39,4	82 700
11,0	76,6	39,2	78 800
12,0	75,0	39,0	72 100
13,0	73,5	38,7	66 300
14,0	71,9	38,3	61 300
15,0	70,3	38,0	57 000
16,0	68,6	37,6	53 300
18,0	65,3	36,7	46 800
20,0	62,0	35,7	41 600
22,0	58,4	34,5	37 400
24,0	54,8	33,1	33 600
26,0	51,0	31,5	30 100
28,0	46,9	29,7	27 100
30,0	42,5	27,6	24 600
32,0	37,7	25,2	22 300
34,0	32,3	22,2	20 400
36,0	26,0	18,4	18 700
38,0	17,4	13,1	17 000

41,0 m			
m	°	m	kg
7,3	82,8	43,0	118 200
7,5	82,6	43,0	115 400
8,0	81,9	42,9	108 300
8,5	81,2	42,8	102 000
9,0	80,5	42,7	96 300
9,5	79,7	42,6	91 200
10,0	79,0	42,5	86 600
10,5	78,3	42,4	82 400
11,0	77,6	42,3	78 500
12,0	76,2	42,1	71 800
13,0	74,7	41,8	66 000
14,0	73,2	41,5	61 000
15,0	71,8	41,2	56 700
16,0	70,3	40,8	53 000
18,0	67,3	40,0	46 600
20,0	64,2	39,0	41 400
22,0	61,0	38,0	37 200
24,0	57,7	36,7	33 500
26,0	54,3	35,3	30 000
28,0	50,7	33,7	27 000
30,0	47,0	31,9	24 400
32,0	42,9	29,9	22 200
34,0	38,6	27,5	20 300
36,0	33,7	24,6	18 600
38,0	28,1	21,2	17 100
40,0	21,2	16,6	15 600

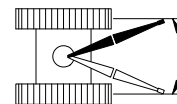
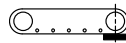
44,0 m			
m	°	m	kg
7,6	82,9	46,0	106 700
8,0	82,4	46,0	104 800
8,5	81,8	45,9	101 700
9,0	81,1	45,8	96 200
9,5	80,5	45,7	91 100
10,0	79,8	45,6	86 500
10,5	79,1	45,5	82 400
11,0	78,5	45,4	78 500
12,0	77,1	45,2	71 800
13,0	75,8	44,9	66 000
14,0	74,4	44,6	61 000
15,0	73,1	44,3	56 700
16,0	71,7	44,0	53 000
18,0	68,9	43,2	46 500
20,0	66,1	42,4	41 300
22,0	63,2	41,4	37 100
24,0	60,2	40,3	33 400
26,0	57,1	39,0	29 900
28,0	53,9	37,6	26 900
30,0	50,6	36,0	24 400
32,0	47,1	34,2	22 100
34,0	43,3	32,1	20 300
36,0	39,3	29,8	18 600
38,0	34,9	27,1	17 100
40,0	30,0	23,8	15 700
42,0	24,0	19,7	14 500
44,0	16,1	14,0	13 000

MLC200 S-3

ASME B30.5



83 730 kg
+
27 400 kg



47,0 m

m	o	m	kg
7,9	83,0	49,0	102 200
8,0	82,9	49,0	101 800
8,5	82,3	48,9	99 400
9,0	81,7	48,8	96 000
9,5	81,1	48,8	90 900
10,0	80,4	48,7	86 300
10,5	79,8	48,6	82 100
11,0	79,2	48,5	78 200
12,0	78,0	48,3	71 500
13,0	76,7	48,0	65 700
14,0	75,4	47,7	60 700
15,0	74,2	47,5	56 400
16,0	72,9	47,2	52 700
18,0	70,3	46,5	46 300
20,0	67,7	45,7	41 100
22,0	65,0	44,7	36 900
24,0	62,3	43,7	33 300
26,0	59,5	42,6	29 800
28,0	56,6	41,3	26 800
30,0	53,5	39,8	24 200
32,0	50,4	38,2	22 000
34,0	47,1	36,4	20 100
36,0	43,7	34,4	18 400
38,0	39,9	32,1	16 900
40,0	35,9	29,4	15 600
42,0	31,4	26,3	14 400
44,0	26,2	22,6	13 300
46,0	19,7	17,6	12 200

50,0 m

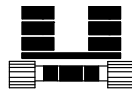
m	o	m	kg
8,2	83,1	52,0	94 800
8,5	82,8	51,9	93 700
9,0	82,2	51,9	91 800
9,5	81,6	51,8	89 900
10,0	81,0	51,7	86 100
10,5	80,4	51,6	81 900
11,0	79,9	51,5	78 100
12,0	78,7	51,3	71 300
13,0	77,5	51,1	65 600
14,0	76,3	50,8	60 600
15,0	75,1	50,6	56 300
16,0	74,0	50,3	52 600
18,0	71,5	49,6	46 100
20,0	69,1	48,9	40 900
22,0	66,6	48,0	36 700
24,0	64,1	47,1	33 100
26,0	61,5	46,0	29 600
28,0	58,8	44,8	26 600
30,0	56,1	43,5	24 100
32,0	53,2	42,1	21 900
34,0	50,3	40,4	20 000
36,0	47,2	38,6	18 300
38,0	43,9	36,6	16 800
40,0	40,5	34,3	15 500
42,0	36,7	31,8	14 300
44,0	32,6	28,8	13 200
46,0	28,0	25,3	12 200
48,0	22,4	20,8	11 300

53,0 m

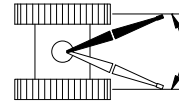
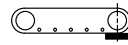
m	o	m	kg
8,5	83,1	55,0	90 300
9,0	82,6	54,9	88 500
9,5	82,1	54,8	86 800
10,0	81,5	54,8	85 000
10,5	81,0	54,7	81 700
11,0	80,4	54,6	77 800
12,0	79,3	54,4	71 100
13,0	78,2	54,2	65 300
14,0	77,1	53,9	60 300
15,0	76,0	53,7	56 000
16,0	74,9	53,4	52 300
18,0	72,6	52,8	45 900
20,0	70,3	52,1	40 700
22,0	68,0	51,3	36 500
24,0	65,7	50,4	32 900
26,0	63,2	49,4	29 500
28,0	60,8	48,4	26 500
30,0	58,2	47,1	23 900
32,0	55,6	45,8	21 700
34,0	53,0	44,3	19 800
36,0	50,2	42,7	18 100
38,0	47,3	40,9	16 600
40,0	44,2	38,9	15 300
42,0	41,0	36,7	14 100
44,0	37,5	34,1	13 000
46,0	33,7	31,3	12 000
48,0	29,5	27,9	11 100
50,0	24,6	23,9	10 300
52,0	18,5	18,6	9 200

MLC200 S-3

ASME B30.5



83 730 kg
+
27 400 kg



56,0 m			
m	o	m	kg
8,8	83,2	58,0	81 000
9,0	83,0	57,9	80 500
9,5	82,5	57,9	79 000
10,0	82,0	57,8	77 500
10,5	81,5	57,7	76 100
11,0	81,0	57,6	74 800
12,0	79,9	57,4	70 800
13,0	78,9	57,2	65 200
14,0	77,8	57,0	60 200
15,0	76,8	56,8	55 900
16,0	75,7	56,5	52 200
18,0	73,6	55,9	45 800
20,0	71,4	55,3	40 600
22,0	69,3	54,5	36 400
24,0	67,0	53,7	32 800
26,0	64,8	52,8	29 400
28,0	62,5	51,8	26 400
30,0	60,1	50,6	23 800
32,0	57,7	49,4	21 600
34,0	55,3	48,0	19 700
36,0	52,7	46,6	18 000
38,0	50,1	44,9	16 500
40,0	47,3	43,1	15 200
42,0	44,4	41,1	14 000
44,0	41,4	38,9	12 900
46,0	38,1	36,5	12 000
48,0	34,6	33,7	11 100
50,0	30,7	30,5	10 200
52,0	26,4	26,7	9 500
54,0	21,1	22,0	8 600

59,0 m			
m	o	m	kg
9,4	83,0	60,9	75 900
9,5	82,9	60,9	75 800
10,0	82,4	60,8	74 400
10,5	81,9	60,8	73 100
11,0	81,4	60,7	71 700
12,0	80,4	60,5	69 100
13,0	79,5	60,3	65 000
14,0	78,5	60,1	60 000
15,0	77,5	59,9	55 700
16,0	76,5	59,6	52 000
18,0	74,5	59,1	45 500
20,0	72,4	58,5	40 300
22,0	70,4	57,8	36 100
24,0	68,3	57,0	32 600
26,0	66,2	56,1	29 200
28,0	64,0	55,2	26 200
30,0	61,8	54,1	23 600
32,0	59,6	53,0	21 400
34,0	57,3	51,7	19 500
36,0	54,9	50,3	17 800
38,0	52,5	48,8	16 300
40,0	50,0	47,2	15 000
42,0	47,4	45,4	13 800
44,0	44,6	43,4	12 700
46,0	41,8	41,2	11 800
48,0	38,7	38,8	10 900
50,0	35,4	36,1	10 100
52,0	31,9	33,0	9 300
54,0	27,9	29,4	8 600
56,0	23,3	25,1	7 900
58,0	17,5	19,5	6 700

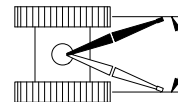
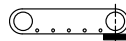
62,0 m			
m	o	m	kg
9,8	83,0	63,9	67 900
10,0	82,8	63,8	67 600
10,5	82,3	63,8	67 100
11,0	81,8	63,7	66 500
12,0	80,9	63,5	65 200
13,0	80,0	63,4	63 000
14,0	79,0	63,2	59 800
15,0	78,1	62,9	55 500
16,0	77,1	62,7	51 800
18,0	75,2	62,2	45 300
20,0	73,3	61,6	40 100
22,0	71,3	61,0	35 900
24,0	69,4	60,2	32 400
26,0	67,4	59,4	29 000
28,0	65,4	58,5	26 000
30,0	63,3	57,5	23 500
32,0	61,2	56,4	21 200
34,0	59,0	55,2	19 300
36,0	56,8	54,0	17 700
38,0	54,6	52,6	16 200
40,0	52,3	51,0	14 800
42,0	49,9	49,4	13 700
44,0	47,4	47,6	12 600
46,0	44,8	45,6	11 600
48,0	42,1	43,5	10 700
50,0	39,2	41,1	9 900
52,0	36,1	38,4	9 200
54,0	32,8	35,4	8 500
56,0	29,2	32,0	7 800
58,0	25,0	28,0	7 200
60,0	20,0	23,0	6 200

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83 730 kg
+
27 400 kg



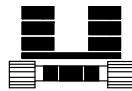
65,0 m			
m	°	m	kg
10,1	83,1	66,9	60 800
10,5	82,7	66,8	60 300
11,0	82,2	66,8	59 800
12,0	81,3	66,6	58 800
13,0	80,4	66,4	57 900
14,0	79,5	66,2	56 900
15,0	78,6	66,0	55 100
16,0	77,7	65,8	51 500
18,0	75,9	65,3	45 100
20,0	74,1	64,8	39 900
22,0	72,2	64,1	35 700
24,0	70,4	63,4	32 100
26,0	68,5	62,7	28 900
28,0	66,6	61,8	25 900
30,0	64,6	60,9	23 300
32,0	62,7	59,9	21 100
34,0	60,6	58,8	19 200
36,0	58,6	57,6	17 500
38,0	56,5	56,3	16 000
40,0	54,3	54,8	14 700
42,0	52,1	53,3	13 500
44,0	49,8	51,7	12 400
46,0	47,4	49,9	11 400
48,0	45,0	47,9	10 500
50,0	42,4	45,8	9 700
52,0	39,7	43,4	9 000
54,0	36,8	40,8	8 300
56,0	33,7	37,9	7 600
58,0	30,3	34,6	7 000
60,0	26,5	30,9	6 400
62,0	22,1	26,3	5 500
64,0	16,7	20,4	4 500

68,0 m			
m	°	m	kg
10,4	83,1	69,9	60 200
10,5	83,0	69,8	60 000
11,0	82,6	69,8	59 500
12,0	81,7	69,6	58 500
13,0	80,9	69,5	57 600
14,0	80,0	69,3	56 600
15,0	79,1	69,1	54 800
16,0	78,3	68,9	51 300
18,0	76,6	68,4	44 900
20,0	74,8	67,9	39 700
22,0	73,1	67,3	35 500
24,0	71,3	66,6	31 900
26,0	69,5	65,9	28 700
28,0	67,7	65,1	25 700
30,0	65,8	64,2	23 100
32,0	64,0	63,2	20 900
34,0	62,1	62,2	19 000
36,0	60,1	61,0	17 300
38,0	58,1	59,8	15 800
40,0	56,1	58,5	14 500
42,0	54,1	57,1	13 300
44,0	51,9	55,5	12 200
46,0	49,7	53,9	11 200
48,0	47,5	52,1	10 300
50,0	45,1	50,1	9 500
52,0	42,7	48,0	8 800
54,0	40,1	45,7	8 100
56,0	37,3	43,1	7 500
58,0	34,4	40,3	6 900
60,0	31,3	37,1	6 300
62,0	27,8	33,5	5 700
64,0	23,8	29,3	4 900
66,0	19,1	24,0	4 000

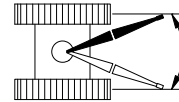
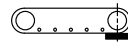
71,0 m			
m	°	m	kg
10,7	83,2	72,8	55 300
11,0	82,9	72,8	55 100
12,0	82,1	72,6	54 700
13,0	81,2	72,5	54 300
14,0	80,4	72,3	53 800
15,0	79,6	72,1	53 400
16,0	78,8	71,9	51 000
18,0	77,1	71,5	44 900
20,0	75,5	71,0	39 800
22,0	73,8	70,4	35 600
24,0	72,1	69,8	32 000
26,0	70,4	69,1	28 800
28,0	68,7	68,3	25 800
30,0	66,9	67,5	23 200
32,0	65,1	66,5	21 000
34,0	63,3	65,6	19 100
36,0	61,5	64,5	17 400
38,0	59,6	63,3	15 900
40,0	57,7	62,1	14 600
42,0	55,8	60,8	13 400
44,0	53,8	59,3	12 300
46,0	51,8	57,8	11 300
48,0	49,7	56,1	10 500
50,0	47,5	54,3	9 600
52,0	45,2	52,3	8 900
54,0	42,9	50,2	8 200
56,0	40,4	48,0	7 600
58,0	37,8	45,4	7 000
60,0	35,1	42,7	6 400
62,0	32,1	39,6	5 800
64,0	28,9	36,1	5 300
66,0	25,3	32,1	4 700
68,0	21,1	27,3	3 800
70,0	15,9	21,2	2 900

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83 730 kg
+
27 400 kg



74,0 m

m	o	m	kg
11,0	83,2	75,8	50 200
12,0	82,4	75,7	49 700
13,0	81,6	75,5	49 400
14,0	80,8	75,4	48 900
15,0	80,0	75,2	48 500
16,0	79,3	75,0	48 100
18,0	77,7	74,6	44 600
20,0	76,1	74,1	39 600
22,0	74,5	73,5	35 400
24,0	72,9	72,9	31 700
26,0	71,2	72,3	28 500
28,0	69,6	71,5	25 600
30,0	67,9	70,7	23 100
32,0	66,2	69,9	20 800
34,0	64,5	68,9	18 900
36,0	62,8	67,9	17 200
38,0	61,0	66,8	15 700
40,0	59,2	65,7	14 400
42,0	57,4	64,4	13 200
44,0	55,5	63,0	12 100
46,0	53,6	61,6	11 200
48,0	51,6	60,0	10 300
50,0	49,6	58,4	9 500
52,0	47,5	56,6	8 700
54,0	45,4	54,6	8 000
56,0	43,1	52,5	7 400
58,0	40,8	50,3	6 800
60,0	38,3	47,8	6 200
62,0	35,7	45,1	5 600
64,0	32,9	42,1	5 100
66,0	29,9	38,8	4 500
68,0	26,6	35,0	4 000
70,0	22,8	30,5	3 300
72,0	18,3	25,0	2 500

77,0 m

m	o	m	kg
11,6	83,0	78,8	45 500
12,0	82,7	78,7	45 300
13,0	81,9	78,6	44 900
14,0	81,2	78,4	44 500
15,0	80,4	78,2	44 100
16,0	79,7	78,1	43 800
18,0	78,2	77,6	43 000
20,0	76,6	77,2	39 300
22,0	75,1	76,7	35 100
24,0	73,5	76,1	31 500
26,0	72,0	75,4	28 200
28,0	70,4	74,7	25 400
30,0	68,8	74,0	22 900
32,0	67,2	73,1	20 600
34,0	65,6	72,2	18 700
36,0	63,9	71,3	17 000
38,0	62,2	70,2	15 500
40,0	60,5	69,1	14 200
42,0	58,8	67,9	13 000
44,0	57,0	66,6	11 900
46,0	55,2	65,3	11 000
48,0	53,4	63,8	10 100
50,0	51,5	62,2	9 300
52,0	49,5	60,6	8 500
54,0	47,5	58,8	7 800
56,0	45,5	56,8	7 100
58,0	43,3	54,8	6 500
60,0	41,1	52,5	5 800
62,0	38,7	50,1	5 300
64,0	36,3	47,4	4 700
66,0	33,6	44,5	4 200
68,0	30,8	41,3	3 800
70,0	27,7	37,6	3 300
72,0	24,3	33,4	2 700

80,0 m

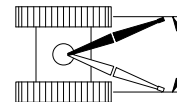
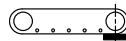
m	o	m	kg
11,9	83,1	81,8	41 000
12,0	83,0	81,8	40 900
13,0	82,2	81,6	40 500
14,0	81,5	81,5	40 200
15,0	80,8	81,3	39 800
16,0	80,1	81,1	39 500
18,0	78,6	80,7	38 800
20,0	77,1	80,3	37 900
22,0	75,7	79,8	35 000
24,0	74,2	79,2	31 300
26,0	72,7	78,6	28 000
28,0	71,2	77,9	25 200
30,0	69,6	77,2	22 700
32,0	68,1	76,4	20 500
34,0	66,5	75,6	18 600
36,0	65,0	74,6	16 900
38,0	63,4	73,6	15 400
40,0	61,7	72,6	14 100
42,0	60,1	71,4	12 900
44,0	58,4	70,2	11 800
46,0	56,7	68,9	10 800
48,0	55,0	67,6	9 900
50,0	53,2	66,1	9 100
52,0	51,4	64,5	8 300
54,0	49,5	62,8	7 600
56,0	47,6	61,0	6 900
58,0	45,6	59,1	6 300
60,0	43,5	57,0	5 700
62,0	41,4	54,8	5 100
64,0	39,2	52,4	4 600
66,0	36,8	49,8	4 100
68,0	34,3	47,0	3 600
70,0	31,6	43,8	3 100
72,0	28,8	40,3	2 700
74,0	25,6	36,3	2 200

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83 730 kg
+
27 400 kg



83,0 m			
m	o	m	kg
12,2	83,1	84,7	38 300
13,0	82,5	84,6	38 100
14,0	81,8	84,5	37 800
15,0	81,1	84,3	37 500
16,0	80,4	84,2	37 200
18,0	79,0	83,8	36 500
20,0	77,6	83,3	35 900
22,0	76,2	82,9	34 400
24,0	74,8	82,3	30 900
26,0	73,3	81,7	27 700
28,0	71,9	81,1	24 900
30,0	70,4	80,4	22 500
32,0	68,9	79,6	20 300
34,0	67,4	78,8	18 400
36,0	65,9	77,9	16 700
38,0	64,4	77,0	15 200
40,0	62,9	76,0	13 900
42,0	61,3	74,9	12 700
44,0	59,7	73,7	11 600
46,0	58,1	72,5	10 600
48,0	56,4	71,2	9 700
50,0	54,7	69,8	8 800
52,0	53,0	68,3	8 000
54,0	51,3	66,7	7 300
56,0	49,5	65,1	6 600
58,0	47,6	63,3	6 000
60,0	45,7	61,3	5 400
62,0	43,7	59,3	4 800
64,0	41,6	57,1	4 300
66,0	39,5	54,7	3 800
68,0	37,3	52,1	3 300
70,0	34,9	49,3	2 900
72,0	32,4	46,3	2 400
74,0	29,6	42,9	2 000

86,0 m			
m	o	m	kg
12,5	83,1	87,7	35 200
13,0	82,8	87,7	35 100
14,0	82,1	87,5	34 800
15,0	81,4	87,4	34 500
16,0	80,8	87,2	34 200
18,0	79,4	86,9	33 600
20,0	78,1	86,4	33 000
22,0	76,7	86,0	32 600
24,0	75,3	85,5	30 600
26,0	73,9	84,9	27 400
28,0	72,5	84,3	24 700
30,0	71,1	83,6	22 200
32,0	69,7	82,9	20 100
34,0	68,3	82,1	18 200
36,0	66,8	81,2	16 500
38,0	65,4	80,3	15 000
40,0	63,9	79,4	13 700
42,0	62,4	78,3	12 500
44,0	60,9	77,2	11 400
46,0	59,3	76,1	10 400
48,0	57,8	74,8	9 400
50,0	56,2	73,5	8 600
52,0	54,5	72,1	7 800
54,0	52,9	70,6	7 000
56,0	51,2	69,0	6 400
58,0	49,4	67,3	5 700
60,0	47,6	65,5	5 100
62,0	45,8	63,6	4 500
64,0	43,9	61,6	4 000
66,0	41,9	59,4	3 500
68,0	39,8	57,0	3 100
70,0	37,7	54,5	2 600
72,0	35,4	51,7	2 200

89,0 m			
m	o	m	kg
12,8	83,2	90,7	32 300
13,0	83,0	90,7	32 300
14,0	82,4	90,6	32 000
15,0	81,7	90,4	31 700
16,0	81,1	90,2	31 400
18,0	79,8	89,9	30 900
20,0	78,5	89,5	30 400
22,0	77,1	89,0	29 900
24,0	75,8	88,5	29 300
26,0	74,5	88,0	27 100
28,0	73,1	87,4	24 300
30,0	71,8	86,8	21 900
32,0	70,4	86,1	19 800
34,0	69,0	85,3	17 900
36,0	67,7	84,5	16 300
38,0	66,2	83,6	14 800
40,0	64,8	82,7	13 400
42,0	63,4	81,7	12 200
44,0	61,9	80,6	11 100
46,0	60,5	79,5	10 100
48,0	59,0	78,3	9 100
50,0	57,4	77,1	8 300
52,0	55,9	75,7	7 500
54,0	54,3	74,3	6 700
56,0	52,7	72,8	6 000
58,0	51,1	71,2	5 400
60,0	49,4	69,5	4 800
62,0	47,6	67,7	4 200
64,0	45,9	65,8	3 700
66,0	44,0	63,8	3 200
68,0	42,1	61,6	2 700
70,0	40,1	59,3	2 300