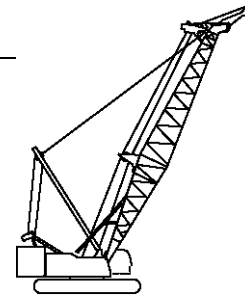




Liftcrane Boom Capacities

Boom No. 76
76 200 kg Crane Counterweight
24 040 kg Carbody Counterweight
360 Degree Rating



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. 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. 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, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel 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. 8787-A**.



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

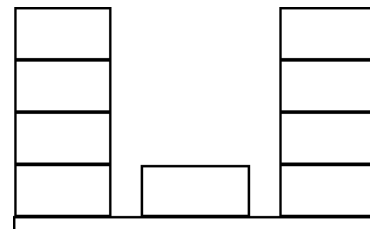


BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



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		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 89,0 m	—	(a) 80,0 m	—
86,0 m	—	77,0 m	—
83,0 m	—	74,0 m	9,1 m
80,0 m	12,2 m	71,0 m	18,3 m
77,0 m	21,3 m	68,0 m	21,3 m
74,0 m	24,4 m	65,0 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 or over side of crawlers on 80,0 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		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a)(b) 89,0 m	—	(a) 80,0 m	—
(b) 86,0 m	—	77,0 m	—
83,0 m	—	74,0 m	9,1 m
80,0 m	12,2 m	71,0 m	(b) 18,3 m
77,0 m	(b) 21,3 m	68,0 m	21,3 m
74,0 m	24,4 m	65,0 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 or over side of crawlers on 80,0 m boom. 89,0 m boom <i>must</i> 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

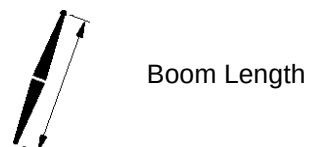
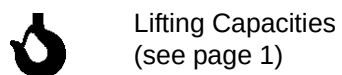
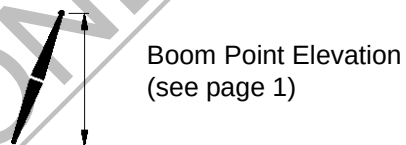
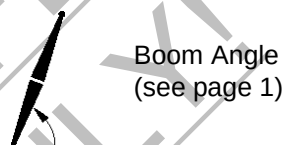
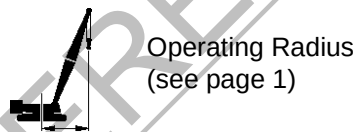
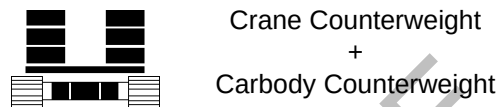
Upper Boom Point Deduct

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

Boom Catwalks Deduct

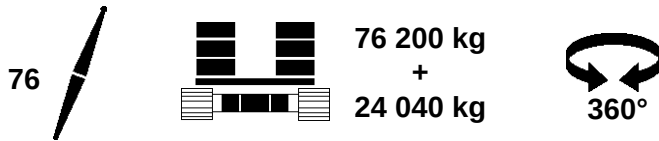
Deduct 300 kg from capacities when boom catwalks are attached.

Explanation of Symbols



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m	o	m	kg
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	87 100
11,0	62,7	19,9	76 000
12,0	59,4	19,3	67 000
13,0	55,9	18,6	59 900
14,0	52,3	17,8	53 900
15,0	48,4	16,9	49 000
16,0	44,4	15,9	44 800
18,0	35,0	13,3	38 000

m	o	m	kg
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	87 100
11,0	66,6	23,3	76 100
12,0	63,8	22,8	67 100
13,0	60,9	22,2	59 900
14,0	58,0	21,6	54 000
15,0	54,9	20,9	49 100
16,0	51,7	20,1	44 900
18,0	44,9	18,2	38 100
20,0	37,0	15,7	33 000
22,0	27,1	12,3	28 800

m	o	m	kg
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	87 000
11,0	69,4	26,5	76 100
12,0	67,0	26,1	67 100
13,0	64,6	25,6	59 900
14,0	62,1	25,1	54 000
15,0	59,5	24,5	49 100
16,0	56,9	23,8	44 900
18,0	51,3	22,3	38 100
20,0	45,3	20,4	33 000
22,0	38,5	18,1	28 900
24,0	30,4	15,0	25 500

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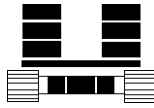
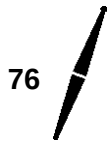
m	o	m	kg
29,0 m			
5,5	82,9	31,1	155 800 *
6,0	81,9	31,0	143 900 *
7,0	79,9	30,9	124 000 *
8,0	77,8	30,6	108 900 *
9,0	75,8	30,4	97 000 *
10,0	73,7	30,1	87 000
11,0	71,6	29,7	76 200
12,0	69,5	29,4	67 200
13,0	67,4	28,9	60 000
14,0	65,2	28,5	54 100
15,0	63,0	28,0	49 100
16,0	60,7	27,4	44 900
18,0	56,0	26,1	38 200
20,0	51,0	24,5	33 000
22,0	45,6	22,7	28 900
24,0	39,6	20,4	25 600
26,0	32,7	17,5	22 800
28,0	23,9	13,6	20 500

m	o	m	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	86 800
11,0	73,4	32,9	76 100
12,0	71,5	32,6	67 100
13,0	69,6	32,2	59 900
14,0	67,7	31,8	54 000
15,0	65,7	31,3	49 000
16,0	63,7	30,8	44 800
18,0	59,6	29,7	38 100
20,0	55,3	28,4	32 900
22,0	50,7	26,8	28 800
24,0	45,9	24,9	25 500
26,0	40,5	22,7	22 800
28,0	34,4	20,0	20 400
30,0	27,2	16,4	18 400
32,0	17,1	11,2	16 600

m	o	m	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	86 700
11,0	74,9	36,0	76 100
12,0	73,2	35,7	67 100
13,0	71,5	35,4	59 900
14,0	69,7	35,0	53 900
15,0	67,9	34,6	49 000
16,0	66,1	34,2	44 800
18,0	62,5	33,2	38 000
20,0	58,7	32,0	32 900
22,0	54,7	30,6	28 800
24,0	50,5	29,0	25 500
26,0	46,1	27,2	22 700
28,0	41,2	25,0	20 400
30,0	35,8	22,4	18 400
32,0	29,6	19,1	16 700
34,0	21,7	14,7	15 200

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76 200 kg
+
24 040 kg

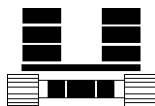


m	o	m	kg
38,0 m			
6,7	82,7	40,0	127 700 *
7,0	82,3	40,0	123 200 *
8,0	80,8	39,8	108 500 *
9,0	79,2	39,6	96 500 *
10,0	77,7	39,4	86 700
11,0	76,1	39,2	76 200
12,0	74,6	38,9	67 100
13,0	73,0	38,6	59 900
14,0	71,4	38,2	53 900
15,0	69,8	37,8	49 000
16,0	68,1	37,4	44 800
18,0	64,8	36,5	38 000
20,0	61,4	35,5	32 900
22,0	57,9	34,2	28 800
24,0	54,2	32,8	25 400
26,0	50,3	31,2	22 700
28,0	46,2	29,4	20 400
30,0	41,8	27,2	18 400
32,0	36,9	24,7	16 700
34,0	31,4	21,7	15 200
36,0	24,8	17,7	13 900

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	86 600
11,0	77,2	42,2	76 100
12,0	75,7	42,0	67 100
13,0	74,3	41,7	59 900
14,0	72,8	41,4	53 900
15,0	71,3	41,0	48 900
16,0	69,8	40,7	44 700
18,0	66,8	39,8	38 000
20,0	63,7	38,9	32 800
22,0	60,5	37,8	28 700
24,0	57,2	36,5	25 400
26,0	53,8	35,1	22 600
28,0	50,2	33,5	20 300
30,0	46,4	31,6	18 300
32,0	42,3	29,5	16 600
34,0	37,9	27,1	15 100
36,0	32,9	24,1	13 800
38,0	27,2	20,6	12 600

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	86 400
11,0	78,1	45,3	76 100
12,0	76,7	45,1	67 000
13,0	75,4	44,8	59 700
14,0	74,0	44,5	53 800
15,0	72,6	44,2	48 800
16,0	71,3	43,9	44 600
18,0	68,5	43,1	37 800
20,0	65,6	42,2	32 600
22,0	62,7	41,2	28 500
24,0	59,7	40,1	25 200
26,0	56,6	38,8	22 500
28,0	53,4	37,3	20 200
30,0	50,0	35,7	18 200
32,0	46,5	33,9	16 500
34,0	42,7	31,8	14 900
36,0	38,7	29,4	13 600
38,0	34,2	26,6	12 500
40,0	29,1	23,2	11 400
42,0	23,0	19,0	10 400

76



76 200 kg
+
24 040 kg



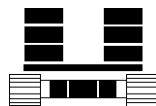
360°

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	76 000
12,0	77,6	48,2	66 900
13,0	76,3	47,9	59 700
14,0	75,1	47,7	53 700
15,0	73,8	47,4	48 700
16,0	72,5	47,0	44 500
18,0	69,9	46,3	37 700
20,0	67,3	45,5	32 500
22,0	64,6	44,6	28 400
24,0	61,8	43,5	25 100
26,0	59,0	42,4	22 400
28,0	56,1	41,1	20 000
30,0	53,1	39,6	18 100
32,0	49,9	38,0	16 300
34,0	46,6	36,1	14 900
36,0	43,1	34,0	13 500
38,0	39,3	31,7	12 400
40,0	35,2	29,0	11 300
42,0	30,7	25,8	10 400
44,0	25,3	21,9	9 500

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	76 000
12,0	78,3	51,3	66 900
13,0	77,2	51,0	59 600
14,0	76,0	50,8	53 600
15,0	74,8	50,5	48 600
16,0	73,6	50,2	44 400
18,0	71,2	49,5	37 600
20,0	68,7	48,8	32 500
22,0	66,2	47,9	28 300
24,0	63,7	46,9	25 000
26,0	61,1	45,9	22 300
28,0	58,4	44,7	20 000
30,0	55,6	43,3	18 000
32,0	52,8	41,8	16 300
34,0	49,8	40,2	14 800
36,0	46,7	38,4	13 500
38,0	43,4	36,3	12 300
40,0	39,9	34,0	11 200
42,0	36,1	31,4	10 300
44,0	32,0	28,3	9 500
46,0	27,2	24,7	8 700
48,0	21,5	20,1	7 900

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	75 900
12,0	79,0	54,3	66 800
13,0	77,9	54,1	59 500
14,0	76,8	53,9	53 500
15,0	75,7	53,6	48 600
16,0	74,5	53,3	44 300
18,0	72,3	52,7	37 500
20,0	70,0	52,0	32 400
22,0	67,7	51,2	28 200
24,0	65,3	50,3	24 900
26,0	62,9	49,3	22 100
28,0	60,4	48,2	19 800
30,0	57,9	46,9	17 900
32,0	55,2	45,6	16 100
34,0	52,5	44,1	14 600
36,0	49,7	42,4	13 300
38,0	46,8	40,6	12 200
40,0	43,7	38,6	11 100
42,0	40,4	36,3	10 200
44,0	36,9	33,7	9 300
46,0	33,1	30,8	8 600
48,0	28,8	27,4	7 800
50,0	23,8	23,2	7 200

76



76 200 kg
+
24 040 kg



360°

				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		75 100
12,0	79,6	57,4		66 800
13,0	78,6	57,2		59 400
14,0	77,5	57,0		53 400
15,0	76,5	56,7		48 400
16,0	75,4	56,5		44 200
18,0	73,3	55,9		37 400
20,0	71,1	55,2		32 200
22,0	68,9	54,4		28 100
24,0	66,7	53,6		24 700
26,0	64,4	52,7		22 000
28,0	62,1	51,6		19 700
30,0	59,8	50,5		17 700
32,0	57,4	49,2		16 000
34,0	54,9	47,8		14 400
36,0	52,3	46,3		13 100
38,0	49,6	44,7		12 000
40,0	46,9	42,8		10 900
42,0	44,0	40,8		10 000
44,0	40,9	38,6		9 100
46,0	37,6	36,1		8 400
48,0	34,1	33,2		7 700
50,0	30,1	29,9		7 000
52,0	25,6	26,0		6 400
54,0	20,2	21,2		5 800

				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		67 000
13,0	79,1	60,2		59 300
14,0	78,2	60,0		53 300
15,0	77,2	59,8		48 300
16,0	76,2	59,5		44 000
18,0	74,1	59,0		37 200
20,0	72,1	58,4		32 000
22,0	70,0	57,7		27 900
24,0	68,0	56,9		24 600
26,0	65,8	56,0		21 800
28,0	63,7	55,0		19 500
30,0	61,5	53,9		17 500
32,0	59,2	52,8		15 800
34,0	56,9	51,5		14 300
36,0	54,5	50,1		13 000
38,0	52,1	48,6		11 800
40,0	49,6	46,9		10 800
42,0	46,9	45,1		9 900
44,0	44,2	43,1		9 000
46,0	41,3	40,8		8 200
48,0	38,2	38,4		7 500
50,0	34,9	35,6		6 900
52,0	31,3	32,5		6 300
54,0	27,2	28,8		5 700
56,0	22,5	24,4		5 200

				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		65 400
13,0	79,7	63,3		59 200
14,0	78,7	63,1		53 200
15,0	77,8	62,9		48 200
16,0	76,8	62,7		43 900
18,0	74,9	62,1		37 100
20,0	73,0	61,5		31 900
22,0	71,1	60,8		27 800
24,0	69,1	60,1		24 500
26,0	67,1	59,3		21 700
28,0	65,0	58,3		19 400
30,0	63,0	57,3		17 400
32,0	60,9	56,2		15 700
34,0	58,7	55,1		14 200
36,0	56,5	53,8		12 900
38,0	54,2	52,3		11 700
40,0	51,9	50,8		10 700
42,0	49,5	49,1		9 700
44,0	47,0	47,3		8 900
46,0	44,4	45,3		8 100
48,0	41,7	43,1		7 400
50,0	38,8	40,7		6 800
52,0	35,6	38,0		6 200
54,0	32,3	35,0		5 600
56,0	28,6	31,5		5 100
58,0	24,3	27,3		4 600
60,0	19,2	22,2		4 200

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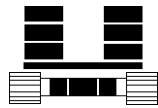
m	o	m	kg
65,0 m			
10,4	82,5	66,8	61 900 *
11,0	82,0	66,7	60 100 *
12,0	81,1	66,5	59 100 *
13,0	80,2	66,4	57 900
14,0	79,3	66,2	53 100
15,0	78,4	65,9	48 100
16,0	77,5	65,7	43 800
18,0	75,6	65,2	37 000
20,0	73,8	64,7	31 800
22,0	72,0	64,0	27 700
24,0	70,1	63,3	24 300
26,0	68,2	62,5	21 600
28,0	66,3	61,7	19 200
30,0	64,3	60,7	17 300
32,0	62,3	59,7	15 600
34,0	60,3	58,6	14 000
36,0	58,3	57,3	12 700
38,0	56,1	56,0	11 600
40,0	54,0	54,6	10 500
42,0	51,7	53,0	9 600
44,0	49,4	51,4	8 700
46,0	47,1	49,5	8 000
48,0	44,6	47,6	7 300
50,0	42,0	45,4	6 600
52,0	39,2	43,0	6 000
54,0	36,3	40,4	5 500
56,0	33,2	37,4	5 000
58,0	29,7	34,1	4 500
60,0	25,9	30,2	4 000
62,0	21,4	25,5	3 600
64,0	15,6	19,3	3 200

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	57 600
14,0	79,7	69,2	52 900
15,0	78,9	69,0	47 900
16,0	78,0	68,8	43 600
18,0	76,3	68,3	36 800
20,0	74,5	67,8	31 600
22,0	72,8	67,2	27 400
24,0	71,0	66,5	24 100
26,0	69,2	65,8	21 300
28,0	67,4	64,9	19 000
30,0	65,5	64,0	17 000
32,0	63,7	63,1	15 300
34,0	61,8	62,0	13 800
36,0	59,8	60,9	12 500
38,0	57,8	59,6	11 300
40,0	55,8	58,3	10 300
42,0	53,7	56,8	9 300
44,0	51,6	55,3	8 500
46,0	49,4	53,6	7 700
48,0	47,1	51,8	7 000
50,0	44,7	49,8	6 400
52,0	42,3	47,7	5 700
54,0	39,7	45,3	5 200
56,0	36,9	42,7	4 700
58,0	34,0	39,8	4 200
60,0	30,8	36,6	3 800
62,0	27,2	32,9	3 400
64,0	23,2	28,6	3 000
66,0	18,3	23,1	2 600

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	53 100
15,0	79,4	72,1	48 100
16,0	78,5	71,9	43 800
18,0	76,9	71,4	36 900
20,0	75,2	70,9	31 700
22,0	73,5	70,3	27 600
24,0	71,8	69,7	24 200
26,0	70,1	69,0	21 500
28,0	68,4	68,2	19 100
30,0	66,6	67,3	17 100
32,0	64,9	66,4	15 400
34,0	63,1	65,4	13 900
36,0	61,2	64,3	12 600
38,0	59,4	63,2	11 400
40,0	57,4	61,9	10 400
42,0	55,5	60,5	9 500
44,0	53,5	59,1	8 600
46,0	51,5	57,5	7 800
48,0	49,3	55,8	7 100
50,0	47,2	54,0	6 500
52,0	44,9	52,1	5 900
54,0	42,5	49,9	5 400
56,0	40,1	47,6	4 800
58,0	37,5	45,1	4 400
60,0	34,7	42,3	3 900
62,0	31,7	39,1	3 500
64,0	28,4	35,6	3 100
66,0	24,7	31,5	2 800
68,0	20,4	26,5	2 400

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76 200 kg
+
24 040 kg



360°

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	48 000
16,0	79,0	74,9	43 900
18,0	77,4	74,5	36 800
20,0	75,8	74,0	31 600
22,0	74,2	73,4	27 500
24,0	72,6	72,8	24 100
26,0	71,0	72,2	21 300
28,0	69,3	71,4	19 000
30,0	67,6	70,6	17 000
32,0	66,0	69,7	15 300
34,0	64,2	68,8	13 800
36,0	62,5	67,7	12 500
38,0	60,7	66,6	11 300
40,0	58,9	65,5	10 200
42,0	57,1	64,2	9 300
44,0	55,2	62,8	8 500
46,0	53,3	61,3	7 700
48,0	51,3	59,8	7 000
50,0	49,3	58,1	6 400
52,0	47,2	56,3	5 700
54,0	45,0	54,3	5 200
56,0	42,8	52,2	4 700
58,0	40,4	49,9	4 200
60,0	37,9	47,4	3 800
62,0	35,3	44,6	3 400
64,0	32,5	41,6	3 000
66,0	29,4	38,2	2 600
68,0	26,1	34,3	2 300
70,0	22,2	29,7	2 000

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	43 200
18,0	77,9	77,6	36 900
20,0	76,4	77,1	31 500
22,0	74,9	76,6	27 300
24,0	73,3	76,0	24 000
26,0	71,7	75,3	21 200
28,0	70,2	74,6	18 800
30,0	68,6	73,8	16 900
32,0	66,9	73,0	15 100
34,0	65,3	72,1	13 600
36,0	63,7	71,1	12 300
38,0	62,0	70,1	11 100
40,0	60,3	68,9	10 100
42,0	58,5	67,7	9 100
44,0	56,8	66,4	8 300
46,0	55,0	65,1	7 500
48,0	53,1	63,6	6 800
50,0	51,2	62,0	6 200
52,0	49,3	60,3	5 600
54,0	47,2	58,5	5 000
56,0	45,2	56,5	4 500
58,0	43,0	54,4	4 100
60,0	40,7	52,2	3 600
62,0	38,4	49,7	3 200
64,0	35,9	47,0	2 800
66,0	33,2	44,1	2 500
68,0	30,4	40,8	2 100
70,0	27,2	37,0	1 800

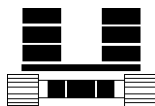
m	o	m	kg
80,0 m			
12,2	82,6	81,7	41 200 *
13,0	82,0	81,6	40 900 *
14,0	81,3	81,4	40 600 *
15,0	80,6	81,2	40 200 *
16,0	79,8	81,1	39 900 *
18,0	78,4	80,7	36 700
20,0	76,9	80,2	31 300
22,0	75,4	79,7	27 100
24,0	73,9	79,1	23 800
26,0	72,4	78,5	21 000
28,0	70,9	77,8	18 600
30,0	69,4	77,1	16 700
32,0	67,9	76,3	14 900
34,0	66,3	75,4	13 400
36,0	64,7	74,5	12 100
38,0	63,1	73,5	10 900
40,0	61,5	72,4	9 900
42,0	59,8	71,3	9 000
44,0	58,2	70,0	8 100
46,0	56,5	68,7	7 300
48,0	54,7	67,3	6 600
50,0	52,9	65,8	6 000
52,0	51,1	64,2	5 400
54,0	49,2	62,5	4 900
56,0	47,3	60,7	4 300
58,0	45,3	58,8	3 900
60,0	43,2	56,7	3 400
62,0	41,1	54,5	3 000
64,0	38,8	52,0	2 600
66,0	36,4	49,4	2 300
68,0	33,9	46,5	1 900

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76



76 200 kg
+
24 040 kg



360°

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	36 000
20,0	77,4	83,3	31 100
22,0	76,0	82,8	27 000
24,0	74,5	82,2	23 600
26,0	73,1	81,7	20 800
28,0	71,7	81,0	18 500
30,0	70,2	80,3	16 500
32,0	68,7	79,5	14 700
34,0	67,2	78,7	13 300
36,0	65,7	77,8	11 900
38,0	64,2	76,8	10 800
40,0	62,6	75,8	9 700
42,0	61,0	74,7	8 800
44,0	59,4	73,6	7 900
46,0	57,8	72,3	7 100
48,0	56,2	71,0	6 500
50,0	54,5	69,6	5 800
52,0	52,8	68,1	5 200
54,0	51,0	66,5	4 700
56,0	49,2	64,8	4 200
58,0	47,3	63,0	3 700
60,0	45,4	61,0	3 200
62,0	43,4	59,0	2 800
64,0	41,3	56,7	2 400
66,0	39,2	54,3	2 100

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	31 100
22,0	76,5	85,9	26 800
24,0	75,1	85,4	23 500
26,0	73,7	84,8	20 700
28,0	72,3	84,2	18 300
30,0	70,9	83,5	16 400
32,0	69,5	82,7	14 600
34,0	68,1	81,9	13 100
36,0	66,6	81,1	11 800
38,0	65,1	80,2	10 600
40,0	63,7	79,2	9 600
42,0	62,2	78,2	8 600
44,0	60,6	77,0	7 800
46,0	59,1	75,8	7 000
48,0	57,5	74,6	6 300
50,0	55,9	73,3	5 700
52,0	54,3	71,8	5 100
54,0	52,6	70,3	4 500
56,0	50,9	68,7	4 000
58,0	49,1	67,0	3 600
60,0	47,3	65,2	3 100
62,0	45,5	63,3	2 700
64,0	43,6	61,2	2 300
66,0	41,6	59,0	2 000

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	30 700
22,0	76,9	89,0	26 700
24,0	75,6	88,5	23 300
26,0	74,3	87,9	20 500
28,0	72,9	87,3	18 200
30,0	71,6	86,7	16 200
32,0	70,2	85,9	14 500
34,0	68,8	85,2	12 900
36,0	67,4	84,3	11 600
38,0	66,0	83,5	10 400
40,0	64,6	82,5	9 400
42,0	63,2	81,5	8 500
44,0	61,7	80,5	7 600
46,0	60,2	79,3	6 800
48,0	58,7	78,1	6 100
50,0	57,2	76,9	5 500
52,0	55,7	75,5	4 900
54,0	54,1	74,1	4 400
56,0	52,5	72,6	3 800
58,0	50,8	71,0	3 400
60,0	49,1	69,3	2 900
62,0	47,4	67,4	2 500
64,0	45,6	65,5	2 100