


Liftcrane Boom Capacities

Boom No. B65:505-500
with Mast No. M11:503
215 000 kg VPC (Variable Position Counterweight)
360 Degree Rating

MLC300 VPC-MAX 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 6 is 13 600 kg or 27 200 kg with two part whip line. When Drum 2 or Drum 3 is used, capacity with single part whip line is 16 600 kg or 33 300 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 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 4 530 kg minimum weight suspended beneath boom point, (c) require 9 970 kg minimum weight, and (d) require 13 600 kg minimum weight. **Caution: Do not operate in areas indicated by (b), (c), or (d) 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. Refer to Boom Rigging **No. 84050216**, Mast Rigging **No. 84045340**, Wire Rope Specifications chart **No. 9653-A**, Counterweight Arrangements **No. 9345-A**, and Wind Conditions chart **No. 9652-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 the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9651-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 (°) 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 VPC-MAX, 9 700 mm crawlers, 1 219 mm or 1 524 mm treads, 9 144 mm live mast, 30,0 m mast, 10 part boom hoist reeving, boom support straps, and 215 000 kg VPC.

Luffing Jib Backstay Deduct	
Boom Length (m)	Deduct (kg)
54,0	2 400
60,0	2 700
66,0	3 000
72,0	3 200
78,0	3 500
84,0	3 700

Deduct the appropriate value from capacities when luffing jib backstays are stored on boom.

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Refer to Table 1 (with luffing jib backstays stored) and Table 2 (without luffing jib backstays stored) 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. Raising is not permitted in shaded areas of table.

Select counterweight position from Tables 1 or 2 that will allow raising and lowering of boom length. Counterweight position selection may be changed with boom on ground or while boom is within operating range of capacity chart.

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

Table 1: With Luffing Jib Backstays

Over End or Side of Crawlers		
Boom Length (m)	10,6 m Counterweight Position	14,6 m Counterweight Position
	Block Weight (kg)	
54,0 - 84,0	10 300	10 300
90,0 - 126,0	Raising Not Permitted	

Table 2: Without Luffing Jib Backstays

Over End or Side of Crawlers		
Boom Length (m)	10,6 m Counterweight Position	14,6 m Counterweight Position
	Block Weight (kg)	
54,0 - 84,0	10 300	10 300
90,0 - 120,0	#	#
126,0	Raising Not Permitted	
		#

Explanation of Symbols



Boom No. B65:505-500



VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



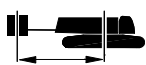
Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



Lifting Capacities
(see page 1)

REFERENCE ONLY!

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215 000 kg



360°

54,0 m				
m	°	m	10,6 m kg	14,6 m kg
7,3	85,0	55,9	266 700 d	266 700d
8,0	84,3	55,8	266 700 d	266 700d
9,0	83,2	55,7	266 700 c	266 700c
10,0	82,1	55,5	266 700 c	266 700c
12,0	80,0	55,2	253 600 b	253 600b
14,0	77,8	54,7	228 700 b	228 700b
16,0	75,6	54,2	211 000 b	212 500b
18,0	73,4	53,6	186 900	206 700
20,0	71,1	52,9	162 600	204 500
22,0	68,9	52,2	143 500	181 700
24,0	66,6	51,3	128 000	162 400
26,0	64,2	50,3	115 200	146 500
28,0	61,8	49,3	104 600	133 400
30,0	59,3	48,1	95 600	122 200
32,0	56,8	46,8	87 700	112 400
34,0	54,2	45,3	81 000	104 100
36,0	51,5	43,8	75 100	96 700
38,0	48,7	42,0	69 800	90 200
40,0	45,7	40,1	65 100	84 400
42,0	42,6	38,0	60 900	79 200
44,0	39,3	35,6	57 100	74 500
46,0	35,7	32,8	53 600	70 200
48,0	31,8	29,7	50 500	66 300
50,0	27,3	26,0	47 600	62 800
52,0	22,0	21,4	44 900	59 500

60,0 m				
m	°	m	10,6 m kg	14,6 m kg
7,9	84,9	61,8	233 400 d	233 400d
8,0	84,8	61,9	233 400 d	233 400d
9,0	83,9	61,7	233 400 c	233 400c
10,0	82,9	61,6	233 400 c	233 400c
12,0	81,0	61,3	233 400 b	233 400b
14,0	79,0	60,9	224 400 b	224 400b
16,0	77,1	60,4	206 400	206 400
18,0	75,1	59,9	185 600	192 000
20,0	73,1	59,3	162 300	190 200
22,0	71,1	58,6	143 200	181 300
24,0	69,0	57,8	127 600	162 000
26,0	67,0	57,0	114 800	146 100
28,0	64,9	56,0	104 200	133 000
30,0	62,7	55,0	95 100	121 700
32,0	60,5	53,9	87 300	112 000
34,0	58,3	52,7	80 600	103 700
36,0	56,0	51,3	74 600	96 300
38,0	53,6	49,8	69 300	89 700
40,0	51,2	48,2	64 600	83 900
42,0	48,6	46,5	60 400	78 700
44,0	46,0	44,6	56 600	74 000
46,0	43,2	42,5	53 200	69 800
48,0	40,3	40,2	50 000	65 900
50,0	37,2	37,6	47 200	62 300
52,0	33,8	34,7	44 500	59 000
54,0	30,1	31,3	42 100	56 000
56,0	25,9	27,4	39 800	53 200
58,0	20,8	22,5	37 700	50 600

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215 000 kg



360°

66,0 m				
m	°	m	kg	kg
8,5	84,8	67,8	216 700 c	216 700c
9,0	84,4	67,8	216 700 c	216 700c
10,0	83,6	67,6	216 700 c	216 700c
12,0	81,8	67,3	216 700 b	216 700b
14,0	80,0	67,0	212 900	212 900
16,0	78,3	66,6	200 000	200 000
18,0	76,5	66,1	184 400	192 700
20,0	74,7	65,5	161 800	191 600
22,0	72,9	64,9	142 700	180 900
24,0	71,0	64,2	127 200	161 500
26,0	69,2	63,5	114 300	145 600
28,0	67,3	62,6	103 700	132 500
30,0	65,4	61,7	94 600	121 200
32,0	63,4	60,7	86 800	111 500
34,0	61,5	59,6	80 000	103 100
36,0	59,4	58,5	74 100	95 800
38,0	57,4	57,2	68 800	89 200
40,0	55,3	55,8	64 100	83 400
42,0	53,1	54,3	59 900	78 200
44,0	50,9	52,7	56 100	73 500
46,0	48,6	50,9	52 600	69 200
48,0	46,2	49,0	49 500	65 300
50,0	43,7	47,0	46 600	61 800
52,0	41,0	44,7	44 000	58 500
54,0	38,3	42,2	41 500	55 500
56,0	35,3	39,4	39 300	52 700
58,0	32,1	36,3	37 200	50 100
60,0	28,6	32,8	35 200	47 700
62,0	24,5	28,6	33 400	45 500
64,0	19,7	23,4	31 700	43 300

72,0 m				
m	°	m	kg	kg
9,1	84,8	73,8	183 400 c	183 400c
10,0	84,1	73,7	183 400 b	183 400b
12,0	82,5	73,4	183 400 b	183 400b
14,0	80,9	73,1	183 400	183 400
16,0	79,3	72,7	183 400	183 400
18,0	77,6	72,3	178 700	178 700
20,0	76,0	71,8	161 400	165 400
22,0	74,3	71,2	142 200	165 400
24,0	72,7	70,6	126 600	159 500
26,0	71,0	69,9	113 800	145 100
28,0	69,3	69,1	103 200	131 900
30,0	67,6	68,3	94 100	120 700
32,0	65,8	67,4	86 200	110 900
34,0	64,1	66,4	79 500	102 600
36,0	62,3	65,4	73 500	95 200
38,0	60,4	64,3	68 200	88 600
40,0	58,6	63,0	63 500	82 800
42,0	56,7	61,7	59 300	77 600
44,0	54,7	60,3	55 500	72 900
46,0	52,7	58,8	52 000	68 600
48,0	50,7	57,2	48 900	64 800
50,0	48,5	55,4	46 000	61 200
52,0	46,4	53,5	43 400	57 900
54,0	44,1	51,5	41 000	54 900
56,0	41,7	49,3	38 700	52 100
58,0	39,2	46,8	36 600	49 500
60,0	36,6	44,2	34 700	47 100
62,0	33,7	41,3	32 900	44 900
64,0	30,7	38,0	31 100	42 800
66,0	27,3	34,2	29 500	40 800
68,0	23,5	29,8	27 900	39 000
70,0	18,9	24,4	26 300	37 200

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360°

78,0 m				
m	°	m	kg	kg
9,8	84,7	79,7	171 400 b	171 400b
10,0	84,6	79,7	171 400 b	171 400b
12,0	83,1	79,5	171 400	171 400
14,0	81,6	79,2	171 400	171 400
16,0	80,1	78,8	170 900	170 900
18,0	78,6	78,4	169 100	169 100
20,0	77,1	78,0	160 500	162 400
22,0	75,6	77,4	141 800	162 400
24,0	74,0	76,9	126 200	158 400
26,0	72,5	76,2	113 300	144 600
28,0	71,0	75,6	102 700	131 500
30,0	69,4	74,8	93 600	120 200
32,0	67,8	74,0	85 700	110 400
34,0	66,2	73,1	79 000	102 100
36,0	64,6	72,2	73 000	94 700
38,0	62,9	71,1	67 700	88 100
40,0	61,2	70,0	63 000	82 300
42,0	59,5	68,9	58 800	77 100
44,0	57,8	67,6	55 000	72 400
46,0	56,0	66,3	51 500	68 100
48,0	54,2	64,8	48 400	64 200
50,0	52,4	63,3	45 500	60 700
52,0	50,5	61,7	42 900	57 400
54,0	48,5	59,9	40 400	54 400
56,0	46,5	58,0	38 200	51 600
58,0	44,4	56,0	36 100	49 000
60,0	42,2	53,8	34 200	46 600
62,0	40,0	51,4	32 300	44 400
64,0	37,6	48,9	30 600	42 300
66,0	35,0	46,1	28 900	40 300
68,0	32,3	43,0	27 200	38 500
70,0	29,4	39,5	25 600	36 700
72,0	26,2	35,6	24 200	35 100
74,0	22,5	31,0	22 700	33 500
76,0	18,1	25,4	21 400	32 000

84,0 m				
m	°	m	kg	kg
10,4	84,7	85,7	152 700 b	152 700b
12,0	83,6	85,5	152 700	152 700
14,0	82,2	85,3	152 700	152 700
16,0	80,8	84,9	152 700	152 700
18,0	79,4	84,6	152 500	152 500
20,0	78,0	84,1	150 400	150 700
22,0	76,6	83,7	141 200	148 700
24,0	75,2	83,1	125 600	145 500
26,0	73,8	82,5	112 700	140 600
28,0	72,4	81,9	102 100	130 800
30,0	70,9	81,2	93 000	119 600
32,0	69,5	80,5	85 100	109 800
34,0	68,0	79,7	78 300	101 400
36,0	66,5	78,8	72 300	94 000
38,0	65,0	77,9	67 000	87 400
40,0	63,5	76,9	62 300	81 600
42,0	61,9	75,8	58 100	76 400
44,0	60,4	74,7	54 300	71 700
46,0	58,8	73,4	50 900	67 400
48,0	57,2	72,2	47 700	63 600
50,0	55,5	70,8	44 800	60 000
52,0	53,8	69,3	42 200	56 700
54,0	52,1	67,8	39 800	53 700
56,0	50,3	66,1	37 500	50 900
58,0	48,5	64,4	35 400	48 300
60,0	46,6	62,5	33 400	45 900
62,0	44,7	60,5	31 500	43 700
64,0	42,7	58,3	29 600	41 600
66,0	40,6	56,0	27 900	39 700
68,0	38,4	53,5	26 300	37 800
70,0	36,1	50,8	24 700	36 100
72,0	33,7	47,9	23 300	34 400
74,0	31,1	44,7	21 900	32 900
76,0	28,3	41,0	20 500	31 400
78,0	25,2	36,9	19 300	30 000
80,0	21,7	32,2	18 100	28 700
82,0	17,4	26,3	16 900	27 400

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215 000 kg



360°

90,0 m				
m	°	m	kg	kg
11,0	84,7	91,7	136 700	136 700
12,0	84,0	91,6	136 700	136 700
14,0	82,7	91,3	136 700	136 700
16,0	81,4	91,0	136 700	136 700
18,0	80,1	90,7	136 700	136 700
20,0	78,8	90,3	136 500	136 500
22,0	77,5	89,8	133 700	133 700
24,0	76,2	89,3	125 000	129 100
26,0	74,9	88,8	112 600	124 100
28,0	73,6	88,2	102 000	119 100
30,0	72,2	87,6	92 800	113 900
32,0	70,9	86,9	84 900	108 900
34,0	69,5	86,1	78 200	101 300
36,0	68,2	85,3	72 200	93 900
38,0	66,8	84,5	66 900	87 300
40,0	65,4	83,6	62 200	81 500
42,0	64,0	82,6	58 000	76 300
44,0	62,5	81,5	54 200	71 600
46,0	61,1	80,4	50 700	67 300
48,0	59,6	79,3	47 600	63 400
50,0	58,1	78,0	44 700	59 800
52,0	56,6	76,7	42 000	56 600
54,0	55,0	75,3	39 600	53 600
56,0	53,4	73,8	37 400	50 800
58,0	51,8	72,3	35 300	48 200
60,0	50,2	70,6	33 300	45 800
62,0	48,5	68,8	31 300	43 600
64,0	46,7	67,0	29 400	41 500
66,0	44,9	65,0	27 700	39 500
68,0	43,1	62,9	26 100	37 700
70,0	41,2	60,6	24 500	35 900
72,0	39,2	58,2	23 100	34 300
74,0	37,1	55,6	21 700	32 800
76,0	34,9	52,7	20 300	31 300
78,0	32,5	49,7	19 100	29 900
80,0	30,0	46,3	17 900	28 200
82,0	27,3	42,5	16 800	26 100
84,0	24,3	38,2	15 700	23 700
86,0	20,9	33,3	14 600	20 400
88,0	16,8	27,2	13 600	15 500

96,0 m				
m	°	m	kg	kg
11,0	85,0	97,7	118 300	118 300
12,0	84,4	97,6	118 300	118 300
14,0	83,2	97,4	118 300	118 300
16,0	82,0	97,1	118 300	118 300
18,0	80,8	96,8	118 300	118 300
20,0	79,6	96,4	118 300	118 300
22,0	78,3	96,0	118 300	118 300
24,0	77,1	95,5	118 300	118 300
26,0	75,9	95,0	111 700	118 300
28,0	74,6	94,5	101 000	118 300
30,0	73,4	93,9	91 900	116 700
32,0	72,1	93,2	83 900	108 700
34,0	70,9	92,5	77 200	100 300
36,0	69,6	91,8	71 200	92 900
38,0	68,3	91,0	65 900	86 300
40,0	67,0	90,1	61 200	80 500
42,0	65,7	89,2	56 900	75 300
44,0	64,4	88,3	53 100	70 500
46,0	63,1	87,3	49 700	66 200
48,0	61,7	86,2	46 500	62 400
50,0	60,3	85,1	43 600	58 800
52,0	58,9	83,9	41 000	55 500
54,0	57,5	82,6	38 600	52 500
56,0	56,1	81,2	36 200	49 700
58,0	54,6	79,8	33 900	47 100
60,0	53,1	78,3	31 800	44 700
62,0	51,6	76,8	29 900	42 500
64,0	50,1	75,1	28 000	40 400
66,0	48,5	73,3	26 300	38 500
68,0	46,8	71,5	24 600	36 600
70,0	45,2	69,5	23 100	34 900
72,0	43,4	67,4	21 600	33 300
74,0	41,6	65,2	20 300	31 700
76,0	39,8	62,8	18 900	30 200
78,0	37,9	60,2	17 700	28 900
80,0	35,8	57,5	16 500	27 600
82,0	33,7	54,6	15 400	26 300
84,0	31,4	51,3	14 300	25 100
86,0	29,0	47,8	13 300	24 000
88,0	26,4	43,9	12 300	22 900
90,0	23,5	39,5	11 300	21 800
92,0	20,2	34,3	10 400	20 800
94,0	16,3	28,0	9 500	19 900

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B65



215 000 kg



360°

102,0 m				
m	°	m	10,6 m kg	14,6 m kg
11,6	85,0	103,7	102 200	102 200
12,0	84,7	103,6	102 200	102 200
14,0	83,6	103,4	102 200	102 200
16,0	82,4	103,1	102 200	102 200
18,0	81,3	102,8	102 200	102 200
20,0	80,2	102,5	102 200	102 200
22,0	79,0	102,1	102 200	102 200
24,0	77,9	101,7	102 200	102 200
26,0	76,7	101,2	102 200	102 200
28,0	75,6	100,7	100 000	102 200
30,0	74,4	100,1	91 700	102 200
32,0	73,2	99,5	83 700	102 200
34,0	72,0	98,9	77 000	100 100
36,0	70,9	98,2	71 000	92 700
38,0	69,7	97,4	65 700	86 100
40,0	68,4	96,6	61 000	80 300
42,0	67,2	95,8	56 700	75 000
44,0	66,0	94,9	52 900	70 300
46,0	64,8	94,0	49 400	66 000
48,0	63,5	93,0	46 300	62 100
50,0	62,2	91,9	43 400	58 600
52,0	60,9	90,8	40 800	55 300
54,0	59,6	89,6	38 300	52 300
56,0	58,3	88,4	35 900	49 500
58,0	57,0	87,1	33 600	46 900
60,0	55,6	85,7	31 500	44 500
62,0	54,2	84,3	29 500	42 300
64,0	52,8	82,8	27 700	40 200
66,0	51,4	81,2	26 000	38 300
68,0	49,9	79,5	24 300	36 400
70,0	48,4	77,8	22 800	34 700
72,0	46,9	75,9	21 300	33 100
74,0	45,3	73,9	20 000	31 500
76,0	43,7	71,9	18 600	30 000
78,0	42,0	69,7	17 400	28 700
80,0	40,3	67,3	16 200	27 400
82,0	38,5	64,8	15 100	26 100
84,0	36,6	62,2	14 100	24 900
86,0	34,7	59,3	13 000	23 800
88,0	32,6	56,3	12 000	22 700
90,0	30,4	52,9	11 100	21 700
92,0	28,1	49,3	10 200	20 700
94,0	25,6	45,2	9 300	19 700
96,0	22,7	40,6	8 500	18 800

108,0 m				
m	°	m	10,6 m kg	14,6 m kg
12,2	84,9	109,7	89 100	89 100
14,0	83,9	109,5	89 100	89 100
16,0	82,9	109,2	89 100	89 100
18,0	81,8	108,9	89 100	89 100
20,0	80,7	108,6	89 100	89 100
22,0	79,6	108,2	89 100	89 100
24,0	78,6	107,8	89 100	89 100
26,0	77,5	107,4	89 100	89 100
28,0	76,4	106,9	89 100	89 100
30,0	75,3	106,4	88 700	89 100
32,0	74,2	105,8	82 700	89 100
34,0	73,1	105,2	75 900	88 800
36,0	72,0	104,5	69 900	86 800
38,0	70,8	103,8	64 600	83 900
40,0	69,7	103,1	59 900	79 200
42,0	68,6	102,3	55 600	73 900
44,0	67,4	101,5	51 800	69 200
46,0	66,3	100,6	48 300	64 900
48,0	65,1	99,7	45 200	61 000
50,0	63,9	98,7	42 200	57 500
52,0	62,7	97,7	39 300	54 200
54,0	61,5	96,6	36 700	51 200
56,0	60,3	95,4	34 300	48 400
58,0	59,0	94,2	32 000	45 400
60,0	57,8	93,0	29 900	42 500
62,0	56,5	91,7	28 000	39 900
64,0	55,2	90,3	26 100	37 400
66,0	53,9	88,8	24 400	35 200
68,0	52,6	87,3	22 800	33 200
70,0	51,2	85,7	21 200	31 200
72,0	49,8	84,0	19 800	29 500
74,0	48,4	82,2	18 400	27 800
76,0	47,0	80,4	17 100	26 300
78,0	45,5	78,4	15 900	24 900
80,0	44,0	76,4	14 700	23 600
82,0	42,4	74,2	13 600	22 400
84,0	40,8	71,9	12 500	21 300
86,0	39,1	69,5	11 500	20 300
88,0	37,4	66,9	10 600	19 300
90,0	35,6	64,1	9 600	18 500
92,0	33,7	61,1	8 700	17 700
94,0	31,7	58,0	7 900	16 800
96,0	29,6	54,5	7 100	15 900
98,0	27,3	50,7	6 300	15 100
100,0	24,8	46,5	5 500	14 400
102,0	22,1	41,8		13 800

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B65



215 000 kg



360°

114,0 m				
m	°	m	kg	kg
13,7	84,4	115,5	77 500	77 500
14,0	84,3	115,5	77 500	77 500
16,0	83,2	115,3	77 500	77 500
18,0	82,2	115,0	77 500	77 500
20,0	81,2	114,7	77 500	77 500
22,0	80,2	114,3	77 500	77 500
24,0	79,2	113,9	77 500	77 500
26,0	78,1	113,5	77 500	77 500
28,0	77,1	113,1	77 400	77 400
30,0	76,1	112,6	77 300	77 300
32,0	75,0	112,0	75 600	75 600
34,0	74,0	111,5	72 800	72 800
36,0	72,9	110,8	69 200	70 100
38,0	71,9	110,2	64 200	67 600
40,0	70,8	109,5	59 500	65 200
42,0	69,7	108,8	55 200	62 900
44,0	68,7	108,0	51 400	60 800
46,0	67,6	107,1	47 900	58 500
48,0	66,5	106,3	44 700	54 500
50,0	65,4	105,4	41 600	50 500
52,0	64,3	104,4	38 800	46 900
54,0	63,1	103,4	36 200	43 600
56,0	62,0	102,3	33 700	40 500
58,0	60,8	101,2	31 500	37 800
60,0	59,7	100,0	29 400	35 200
62,0	58,5	98,8	27 400	32 900
64,0	57,3	97,5	25 600	30 700
66,0	56,1	96,2	23 900	28 700
68,0	54,9	94,8	22 200	26 800
70,0	53,6	93,3	20 700	25 100
72,0	52,4	91,8	19 300	23 500
74,0	51,1	90,2	17 900	22 000
76,0	49,8	88,5	16 600	20 600
78,0	48,4	86,7	15 400	19 300
80,0	47,0	84,9	14 200	18 100
82,0	45,6	82,9	13 100	16 900
84,0	44,2	80,9	12 000	15 900
86,0	42,7	78,7	11 000	14 900
88,0	41,2	76,5	10 000	13 900
90,0	39,6	74,1	9 100	13 100
92,0	38,0	71,5	8 200	12 300
94,0	36,3	68,8	7 400	11 500
96,0	34,6	66,0	6 600	10 800
98,0	32,7	62,9	5 800	10 200
100,0	30,8	59,6	5 000	9 700
102,0	28,7	56,0		9 200
104,0	26,5	52,1		8 700
108,0	21,5	42,9		7 500

120,0 m				
m	°	m	kg	kg
13,7	84,7	121,6	67 700	67 700
14,0	84,5	121,5	67 700	67 700
16,0	83,6	121,3	67 700	67 700
18,0	82,6	121,0	67 700	67 700
20,0	81,7	120,8	67 700	67 700
22,0	80,7	120,4	67 700	67 700
24,0	79,7	120,1	67 600	67 600
26,0	78,7	119,7	67 600	67 600
28,0	77,8	119,2	67 500	67 500
30,0	76,8	118,8	66 100	66 100
32,0	75,8	118,2	63 500	63 500
34,0	74,8	117,7	60 900	60 900
36,0	73,8	117,1	58 500	58 500
38,0	72,8	116,5	56 200	56 200
40,0	71,8	115,8	54 100	54 100
42,0	70,8	115,2	52 100	52 100
44,0	69,8	114,4	50 100	50 100
46,0	68,8	113,6	46 900	48 300
48,0	67,7	112,8	43 500	46 600
50,0	66,7	112,0	40 400	44 100
52,0	65,6	111,1	37 600	40 800
54,0	64,6	110,1	35 000	37 800
56,0	63,5	109,1	32 600	35 000
58,0	62,4	108,1	30 300	32 400
60,0	61,4	107,0	28 200	30 100
62,0	60,3	105,8	26 300	27 900
64,0	59,1	104,6	24 400	25 900
66,0	58,0	103,4	22 700	24 000
68,0	56,9	102,1	21 100	22 300
70,0	55,7	100,7	19 500	20 600
72,0	54,6	99,3	18 100	19 100
74,0	53,4	97,8	16 700	17 700
76,0	52,2	96,3	15 400	16 400
78,0	50,9	94,7	14 200	15 100
80,0	49,7	93,0	13 000	14 000
82,0	48,4	91,2	11 900	12 900
84,0	47,1	89,3	10 900	11 800
86,0	45,8	87,4	9 800	10 900
88,0	44,4	85,4	8 900	10 000
90,0	43,0	83,3	8 000	9 100
92,0	41,6	81,0	7 100	8 300
94,0	40,1	78,7	6 200	7 500
96,0	38,6	76,2	5 400	6 800
98,0	37,0	73,5		6 200
100,0	35,4	70,8		5 600
102,0	33,7	67,8		5 000

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B65



215 000 kg



360°

13,7	84,9	127,6	58 900	58 900
14,0	84,8	127,6	58 900	58 900
16,0	83,9	127,4	58 900	58 900
18,0	83,0	127,1	58 900	58 900
20,0	82,1	126,8	58 900	58 900
22,0	81,1	126,5	58 800	58 800
24,0	80,2	126,2	58 700	58 700
26,0	79,3	125,8	58 400	58 400
28,0	78,4	125,4	56 000	56 000
30,0	77,4	124,9	53 600	53 600
32,0	76,5	124,4	51 300	51 300
34,0	75,6	123,9	49 200	49 200
36,0	74,6	123,4	47 200	47 200
38,0	73,7	122,8	45 400	45 400
40,0	72,7	122,2	43 600	43 600
42,0	71,8	121,5	42 000	42 000
44,0	70,8	120,8	40 400	40 400
46,0	69,8	120,1	39 000	39 000
48,0	68,8	119,3	37 600	37 600
50,0	67,9	118,5	36 300	36 300
52,0	66,9	117,6	35 000	35 000
54,0	65,9	116,7	33 900	33 900
56,0	64,9	115,8	31 900	31 900
58,0	63,9	114,8	29 500	29 500
60,0	62,8	113,8	27 300	27 300
62,0	61,8	112,7	25 200	25 200
64,0	60,8	111,6	23 300	23 300
66,0	59,7	110,4	21 500	21 500
68,0	58,7	109,2	19 800	19 800
70,0	57,6	108,0	18 300	18 300
72,0	56,5	106,6	16 800	16 800
74,0	55,4	105,3	15 500	15 500
76,0	54,3	103,8	14 200	14 200
78,0	53,1	102,3	13 000	13 000
80,0	52,0	100,8	11 900	11 900
82,0	50,8	99,1	10 800	10 800
84,0	49,6	97,4	9 800	9 800
86,0	48,4	95,7	8 900	8 900
88,0	47,2	93,8	8 000	8 000
90,0	45,9	91,9	7 100	7 100
92,0	44,6	89,9	6 300	6 300
94,0	43,3	87,8	5 600	5 600