

Liftcrane Boom Capacities

Boom No. 74

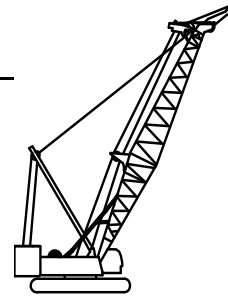
55 110 kg Crane Counterweight

16 010 kg Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Static Machine List

No Travel - 360 Degree Rating



Manitowoc

**MLC165
SERIES 2**



LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. 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 (*).

Boom Backward Stability: A minimum of 4 parts hoist line is required for capacities denoted by (b), (c), and (d) for boom lengths 15,0 m thru 30,0 m. Capacities indicated by (b) require 1 360 kg minimum weight, (c) requires 3 400 kg minimum weight, and (d) requires 6 800 kg minimum weight. **Caution: Do not operate in areas indicated by (b), (c), or (d) without required minimum weights.** Boom will not boom down and boom hoist wire rope may go slack causing wire rope damage or failure.

Upper boom point capacity for liftcrane service with single part whip line is 12 500 kg or 25 000 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.

63,0 m thru 84,0 m boom lengths require only the middle three sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of upper boom point, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom 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 on a firm uniformly supporting surface with machine list not to exceed degrees noted. Refer to boom rigging **No. 81019793** or **No. 83004083**, Wire Rope Specification chart **No. 9292-A**, and Wind Conditions chart **No. 9289-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.

Manitowoc Cranes
Manitowoc, Wisconsin 54220 U.S.A.



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

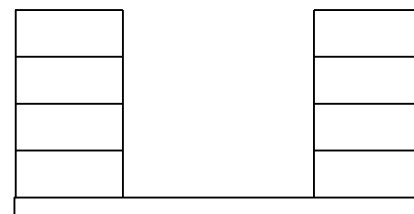


BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



BOOM POINT ELEVATION: Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 7 986 mm crawlers, 1 100 mm treads, 7 200 mm live mast, 18 part boom hoist reeving, four 28 mm boom pendants, 55 110 kg crane counterweight, and two 8 005 kg carbody counterweights.



55 110 kg Crane Counterweight
8 Side Boxes

WARNING: Free fall operation is limited to 5 900 kg per part of line when lowering load with free fall clutch/brake pedal. Hydraulic power must be used for full line pull.

Upper Boom Point Deduct

Deduct 600 kg from capacities when upper boom point, and adapter frame if equipped, is attached.

Auxiliary Drum Deduct

Deduct 900 kg from capacities when boom butt is equipped with auxiliary drum.

Lower Boom Point Sheave Deduct

Deduct 300 kg from capacities for boom lengths 45,0 m thru 60,0 m when lower boom point is equipped with outer sheave clusters.

Third Line Deduct

Deduct 200 kg from capacities when boom is equipped for three line operation.

Maximum Boom Lengths Lifted Unassisted

List	Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length	Boom Length
0 Degree	(a) 84,0 m	(a)(b) 84,0 m	(a)(b) 78,0 m
1 Degree	81,0 m	81,0 m	72,0 m
2 Degree	81,0 m	78,0 m	72,0 m
3 Degree	81,0 m	78,0 m	72,0 m

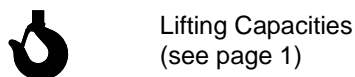
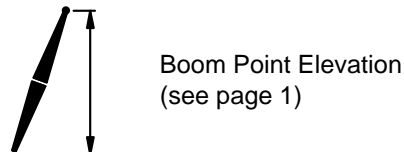
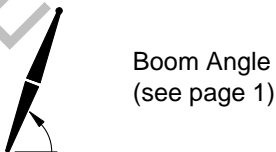
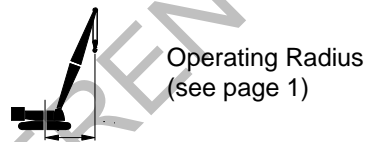
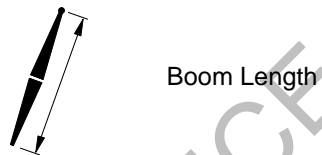
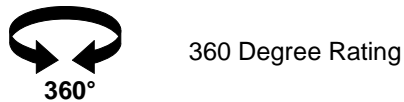
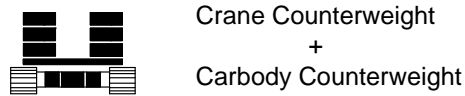
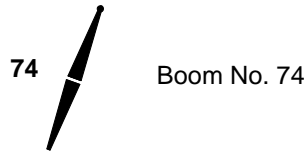
Load block, hook and weight ball on barge deck until combined weights are within rated capacity of chart.

(a) Upper boom point, and adapter frame if equipped, must be removed.

(b) Auxiliary drum in boom butt must be removed.

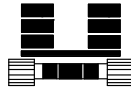
Jib cannot be attached on crawler machine while operating on a barge.

Explanation of Symbols



REFERENCE ONLY!

MLC165 S-2



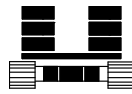
55 110 kg
+
16 010 kg



 15,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
4,3	81,7	16,8	165 000 *d				4,3
4,5	80,8	16,8	165 000 *d				4,5
5,0	78,8	16,7	151 400 *d	136 400 *d	104 000 *d		5,0
5,5	76,8	16,5	138 000 *d	123 800 *d	100 300 *d	79 000 *d	5,5
6,0	74,9	16,4	126 700 *d	113 300 *d	91 600 *d	78 900 *d	6,0
7,0	70,8	16,0	108 800 *c	96 700 *c	78 000 *c	68 400 *c	7,0
8,0	66,6	15,6	95 000 *b	84 300 *b	67 900 *b	59 400 *b	8,0
9,0	62,3	15,0	79 000	74 600	59 900 *	52 300 *	9,0
10,0	57,8	14,4	67 400	64 500	53 600 *	46 700 *	10,0
11,0	53,0	13,6	58 600	56 500	48 400 *	42 000 *	11,0
12,0	47,8	12,7	51 700	50 100	44 000 *	38 200 *	12,0
13,0	42,1	11,6	46 200	44 900	40 300 *	34 900 *	13,0
14,0	35,7	10,3	41 600	40 600	37 200 *	32 100 *	14,0
15,0	27,9	8,5	37 700	37 000	34 300 *	29 600 *	15,0

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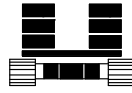
55 110 kg
+
16 010 kg



 18,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
4,9	81,1	19,8	153 200 *d				4,9
5,0	80,7	19,7	150 400 *d				5,0
5,5	79,1	19,6	138 000 *c	118 200 *c	80 400 *c		5,5
6,0	77,5	19,5	126 700 *c	113 900 *c	80 400 *c	60 500 *c	6,0
7,0	74,1	19,2	108 800 *c	96 700 *c	77 500 *c	60 500 *c	7,0
8,0	70,8	18,9	95 000 *b	84 300 *b	67 900 *b	59 600 *b	8,0
9,0	67,3	18,4	79 200	74 300	60 000 *	52 300 *	9,0
10,0	63,7	17,9	67 600	64 100	53 600 *	46 700 *	10,0
11,0	60,1	17,3	58 800	56 200	48 400 *	42 100 *	11,0
12,0	56,2	16,7	52 000	49 900	44 100 *	38 200 *	12,0
13,0	52,2	15,9	46 400	44 800	40 400 *	34 900 *	13,0
14,0	47,9	15,0	41 900	40 500	37 300 *	32 200 *	14,0
15,0	43,3	13,9	38 000	36 900	34 500 *	29 700 *	15,0
16,0	38,1	12,7	34 800	33 900	32 100 *	27 500 *	16,0
18,0	25,2	9,1	29 500	28 900	28 000 *	23 900 *	18,0




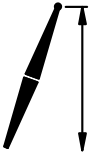





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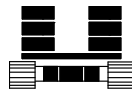
55 110 kg
+
16 010 kg



 21,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,2	81,6	22,8	142 900 *d				5,2
5,5	80,7	22,7	137 800 *c				5,5
6,0	79,3	22,6	126 400 *c	111 500 *c			6,0
7,0	76,5	22,3	108 500 *c	96 600 *c	75 600 *c	57 900 *c	7,0
8,0	73,6	22,0	94 700 b	84 200 *b	67 700 *b	57 500 *b	8,0
9,0	70,7	21,7	79 200	73 800	59 800 *	52 300 *	9,0
10,0	67,8	21,3	67 600	63 600	53 400 *	46 500 *	10,0
11,0	64,7	20,8	58 800	55 700	48 300 *	41 900 *	11,0
12,0	61,6	20,2	51 900	49 500	43 900 *	38 100 *	12,0
13,0	58,4	19,6	46 400	44 400	40 300 *	34 800 *	13,0
14,0	55,1	18,9	41 900	40 200	37 100 *	32 000 *	14,0
15,0	51,6	18,1	38 000	36 700	34 400 *	29 600 *	15,0
16,0	47,9	17,2	34 800	33 700	32 000 *	27 500 *	16,0
18,0	39,8	15,0	29 600	28 800	27 900	23 900 *	18,0
20,0	29,7	11,9	25 500	25 000	24 500	21 000 *	20,0

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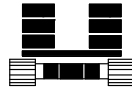
55 110 kg
+
16 010 kg



 24,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,8	81,1	25,7	130 800 *c				5,8
6,0	80,6	25,6	126 400 *c				6,0
7,0	78,2	25,4	108 400 *c	96 700 *c	75 100 *c		7,0
8,0	75,7	25,2	94 600 b	84 100 *b	67 600 *b	57 000 *b	8,0
9,0	73,2	24,9	79 300	73 400	59 700 *	52 200 *	9,0
10,0	70,7	24,5	67 600	63 100	53 300 *	46 400 *	10,0
11,0	68,1	24,1	58 800	55 300	48 200 *	41 800 *	11,0
12,0	65,5	23,6	51 900	49 200	43 800 *	38 000 *	12,0
13,0	62,8	23,1	46 400	44 200	40 200 *	34 700 *	13,0
14,0	60,0	22,5	41 900	40 000	37 000 *	31 900 *	14,0
15,0	57,2	21,9	38 000	36 500	34 300 *	29 500 *	15,0
16,0	54,2	21,2	34 800	33 500	31 900 *	27 400 *	16,0
18,0	48,0	19,5	29 600	28 600	27 700	23 800 *	18,0
20,0	40,9	17,3	25 600	24 900	24 200	21 000 *	20,0
22,0	32,6	14,4	22 400	21 900	21 300	18 600 *	22,0
24,0	21,5	10,2	19 700	19 400	19 000	16 600 *	24,0

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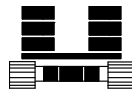
55 110 kg
+
16 010 kg



m	°	m	kg	kg	kg	kg	m
6,1	81,5	28,7	123 600 *c				6,1
7,0	79,5	28,5	108 400 *b	95 800 *b			7,0
8,0	77,4	28,3	94 500 b	84 100 b	67 700 *b	54 900 *b	8,0
9,0	75,2	28,0	79 400	72 900	59 600 *	52 300 *	9,0
10,0	72,9	27,7	67 600	62 700	53 300 *	46 300 *	10,0
11,0	70,7	27,3	58 800	55 000	48 100 *	41 700 *	11,0
12,0	68,4	26,9	52 000	48 900	43 800 *	37 900 *	12,0
13,0	66,1	26,5	46 400	43 900	40 100 *	34 700 *	13,0
14,0	63,7	26,0	41 900	39 800	37 000 *	31 900 *	14,0
15,0	61,3	25,4	38 100	36 300	34 300 *	29 500 *	15,0
16,0	58,8	24,8	34 800	33 300	31 900	27 300 *	16,0
18,0	53,6	23,4	29 700	28 500	27 500	23 800 *	18,0
20,0	48,0	21,7	25 600	24 800	24 000	21 000 *	20,0
22,0	41,8	19,6	22 500	21 800	21 200	18 600 *	22,0
24,0	34,7	16,9	19 800	19 400	18 900	16 700 *	24,0
26,0	25,9	13,3	17 700	17 300	17 000	15 000 *	26,0

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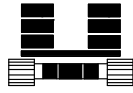


55 110 kg
+
16 010 kg



 30,0 m							
 m	 o	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
6,7	81,2	31,6	112 800 *b				6,7
7,0	80,6	31,6	108 300 *b				7,0
8,0	78,6	31,4	94 400 b	83 900 b	67 400 *b		8,0
9,0	76,7	31,1	79 400	72 100	59 500 *	51 500 *	9,0
10,0	74,7	30,8	67 600	62 200	53 200 *	46 200 *	10,0
11,0	72,7	30,5	58 800	54 600	48 000 *	41 600 *	11,0
12,0	70,7	30,2	51 900	48 500	43 600 *	37 800 *	12,0
13,0	68,6	29,8	46 400	43 600	40 000 *	34 500 *	13,0
14,0	66,5	29,3	41 800	39 500	36 900 *	31 800 *	14,0
15,0	64,4	28,8	38 000	36 000	34 100 *	29 300 *	15,0
16,0	62,2	28,3	34 800	33 100	31 700	27 200 *	16,0
18,0	57,8	27,1	29 600	28 300	27 200	23 700 *	18,0
20,0	53,1	25,6	25 600	24 600	23 700	20 800 *	20,0
22,0	48,0	23,9	22 400	21 700	20 900	18 600 *	22,0
24,0	42,5	21,9	19 800	19 200	18 700	16 600 *	24,0
26,0	36,3	19,3	17 700	17 200	16 700	14 900 *	26,0
28,0	29,0	16,0	15 800	15 500	15 100	13 500 *	28,0
30,0	19,1	11,2	14 200	14 000	13 700	12 200 *	30,0

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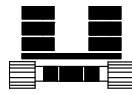


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
7,3	80,9	34,6	103 100 *b				7,3
8,0	79,7	34,4	94 300 b	81 000 b			8,0
9,0	77,9	34,2	79 400	71 800	59 500 *		9,0
10,0	76,1	34,0	67 600	61 700	53 100 *	46 100 *	10,0
11,0	74,3	33,7	58 800	54 200	47 900 *	41 600 *	11,0
12,0	72,5	33,3	51 900	48 200	43 600 *	37 700 *	12,0
13,0	70,7	33,0	46 400	43 300	40 000 *	34 500 *	13,0
14,0	68,8	32,6	41 800	39 300	36 800 *	31 700 *	14,0
15,0	66,9	32,2	38 000	35 800	33 900	29 300 *	15,0
16,0	65,0	31,7	34 800	32 900	31 200	27 200 *	16,0
18,0	61,0	30,6	29 600	28 200	26 900	23 700 *	18,0
20,0	56,9	29,4	25 600	24 500	23 500	20 800 *	20,0
22,0	52,6	27,9	22 400	21 600	20 800	18 600 *	22,0
24,0	48,0	26,2	19 900	19 200	18 500	16 600 *	24,0
26,0	43,1	24,1	17 700	17 100	16 700	14 900 *	26,0
28,0	37,6	21,6	15 900	15 500	15 000	13 500 *	28,0
30,0	31,2	18,6	14 400	14 000	13 600	12 300 *	30,0
32,0	23,3	14,5	13 000	12 700	12 400	11 200 *	32,0

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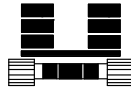


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
7,3	81,7	37,6	96 700 *b				7,3
8,0	80,6	37,5	93 200 b	75 400 *b			8,0
9,0	78,9	37,3	79 500	70 600	59 300 *		9,0
10,0	77,3	37,0	67 500	61 200	53 000 *	46 000 *	10,0
11,0	75,7	36,8	58 700	53 700	47 800 *	41 400 *	11,0
12,0	74,0	36,5	51 800	47 800	43 500 *	37 600 *	12,0
13,0	72,3	36,2	46 300	43 000	39 800 *	34 300 *	13,0
14,0	70,6	35,8	41 700	39 000	36 500	31 500 *	14,0
15,0	68,9	35,4	37 900	35 600	33 500	29 100 *	15,0
16,0	67,2	35,0	34 700	32 700	30 900	27 000 *	16,0
18,0	63,7	34,0	29 500	28 000	26 600	23 500 *	18,0
20,0	60,0	32,9	25 500	24 300	23 200	20 700 *	20,0
22,0	56,2	31,6	22 300	21 400	20 500	18 400 *	22,0
24,0	52,3	30,1	19 700	19 000	18 300	16 500 *	24,0
26,0	48,0	28,4	17 600	17 000	16 400	14 800 *	26,0
28,0	43,5	26,4	15 800	15 300	14 800	13 400 *	28,0
30,0	38,6	24,0	14 300	13 800	13 500	12 200 *	30,0
32,0	33,0	21,1	12 900	12 600	12 200	11 100 *	32,0
34,0	26,3	17,4	11 700	11 400	11 200	10 100 *	34,0

MLC165 S-2

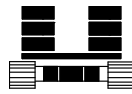


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
7,9	81,4	40,5	88 400 *				7,9
8,0	81,3	40,5	88 100				8,0
9,0	79,8	40,3	79 900	67 600 *			9,0
10,0	78,3	40,1	67 500	60 800	53 100 *	45 900 *	10,0
11,0	76,8	39,9	58 700	53 300	47 700 *	41 300 *	11,0
12,0	75,3	39,6	51 800	47 500	43 400 *	37 400 *	12,0
13,0	73,7	39,3	46 200	42 700	39 600	34 200 *	13,0
14,0	72,2	39,0	41 600	38 700	36 100	31 400 *	14,0
15,0	70,6	38,7	37 800	35 300	33 100	29 000 *	15,0
16,0	69,1	38,3	34 600	32 400	30 500	26 900 *	16,0
18,0	65,9	37,4	29 400	27 800	26 300	23 400 *	18,0
20,0	62,6	36,4	25 400	24 100	22 900	20 600 *	20,0
22,0	59,2	35,2	22 200	21 200	20 300	18 300 *	22,0
24,0	55,6	33,9	19 700	18 800	18 100	16 300 *	24,0
26,0	51,9	32,4	17 600	16 800	16 200	14 700 *	26,0
28,0	48,0	30,6	15 700	15 200	14 600	13 300 *	28,0
30,0	43,9	28,6	14 200	13 700	13 300	12 100 *	30,0
32,0	39,4	26,3	12 800	12 500	12 100	11 000 *	32,0
34,0	34,4	23,5	11 700	11 400	11 100	10 100 *	34,0
36,0	28,6	20,1	10 600	10 400	10 100	9 200 *	36,0
38,0	21,3	15,6	9 700	9 500	9 300	8 400 *	38,0

MLC165 S-2

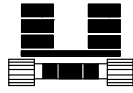


55 110 kg
+
16 010 kg



 42,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
8,5	81,2	43,5	82 100 *				8,5
9,0	80,5	43,4	78 400				9,0
10,0	79,1	43,2	67 400	60 600	52 100 *		10,0
11,0	77,8	43,0	58 600	52 900	47 500 *	41 100 *	11,0
12,0	76,3	42,7	51 700	47 100	43 100	37 300 *	12,0
13,0	74,9	42,5	46 100	42 400	39 000	34 000 *	13,0
14,0	73,5	42,2	41 500	38 400	35 600	31 300 *	14,0
15,0	72,1	41,8	37 700	35 100	32 700	28 900 *	15,0
16,0	70,6	41,5	34 400	32 200	30 100	26 800 *	16,0
18,0	67,7	40,7	29 200	27 500	25 900	23 200 *	18,0
20,0	64,7	39,8	25 300	23 900	22 600	20 400 *	20,0
22,0	61,6	38,7	22 100	21 000	20 000	18 100 *	22,0
24,0	58,4	37,5	19 500	18 600	17 800	16 200 *	24,0
26,0	55,1	36,2	17 400	16 600	16 000	14 600 *	26,0
28,0	51,7	34,6	15 600	15 000	14 400	13 100 *	28,0
30,0	48,1	32,9	14 100	13 600	13 000	11 900 *	30,0
32,0	44,2	30,9	12 700	12 300	11 900	10 900 *	32,0
34,0	40,1	28,6	11 600	11 200	10 800	9 900 *	34,0
36,0	35,5	25,9	10 500	10 200	9 900	9 100 *	36,0
38,0	30,4	22,7	9 600	9 300	9 100	8 300 *	38,0
40,0	24,2	18,7	8 800	8 600	8 300	7 600 *	40,0

MLC165 S-2

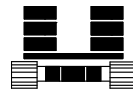


55 110 kg
+
16 010 kg



 45,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
9,1	81,0	46,4	74 900 *				9,1
10,0	79,9	46,3	67 800	57 600 *			10,0
11,0	78,6	46,1	58 700	52 700	46 700	40 300 *	11,0
12,0	77,3	45,8	51 800	46 900	42 900	37 500 *	12,0
13,0	76,0	45,6	46 200	42 200	38 800	34 100 *	13,0
14,0	74,6	45,3	41 700	38 300	35 400	31 400 *	14,0
15,0	73,3	45,0	37 800	35 000	32 500	28 900 *	15,0
16,0	72,0	44,7	34 600	32 200	29 900	26 900 *	16,0
18,0	69,3	43,9	29 400	27 500	25 800	23 300 *	18,0
20,0	66,5	43,1	25 400	24 000	22 600	20 500 *	20,0
22,0	63,7	42,1	22 200	21 100	20 000	18 200 *	22,0
24,0	60,8	41,0	19 700	18 700	17 800	16 300 *	24,0
26,0	57,8	39,8	17 600	16 700	16 000	14 700 *	26,0
28,0	54,7	38,4	15 700	15 100	14 500	13 300 *	28,0
30,0	51,5	36,8	14 200	13 600	13 100	12 100 *	30,0
32,0	48,1	35,1	12 900	12 400	11 900	11 000 *	32,0
34,0	44,5	33,1	11 700	11 300	10 900	10 100 *	34,0
36,0	40,7	30,9	10 700	10 400	10 000	9 200 *	36,0
38,0	36,5	28,3	9 800	9 500	9 200	8 500 *	38,0
40,0	31,9	25,3	9 000	8 700	8 500	7 800 *	40,0
42,0	26,5	21,5	8 200	8 000	7 800	7 200 *	42,0
44,0	19,8	16,7	7 500	7 400	7 200	6 600 *	44,0

MLC165 S-2

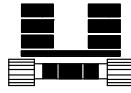


55 110 kg
+
16 010 kg



 48,0 m							
 m	 °	 m	 kg	 kg	 kg	 kg	 m
9,1	81,6	49,5	71 000 *				9,1
10,0	80,5	49,3	67 700				10,0
11,0	79,3	49,1	58 700	52 300	43 800 *		11,0
12,0	78,1	48,9	51 700	46 500	42 000	36 700 *	12,0
13,0	76,9	48,7	46 100	41 900	38 200	34 000 *	13,0
14,0	75,6	48,4	41 500	38 000	34 900	31 200 *	14,0
15,0	74,4	48,1	37 800	34 700	32 100	28 800 *	15,0
16,0	73,1	47,8	34 500	31 900	29 600	26 700 *	16,0
18,0	70,6	47,1	29 300	27 300	25 500	23 200 *	18,0
20,0	68,0	46,3	25 300	23 700	22 300	20 300 *	20,0
22,0	65,4	45,5	22 100	20 800	19 700	18 100 *	22,0
24,0	62,8	44,4	19 500	18 500	17 600	16 100 *	24,0
26,0	60,0	43,3	17 400	16 600	15 700	14 500 *	26,0
28,0	57,2	42,1	15 600	14 900	14 200	13 100 *	28,0
30,0	54,3	40,7	14 100	13 500	12 900	11 900 *	30,0
32,0	51,2	39,1	12 700	12 200	11 700	10 800 *	32,0
34,0	48,1	37,3	11 600	11 100	10 700	9 900 *	34,0
36,0	44,7	35,4	10 600	10 200	9 800	9 100 *	36,0
38,0	41,2	33,2	9 700	9 300	9 000	8 300 *	38,0
40,0	37,3	30,6	8 800	8 600	8 300	7 600 *	40,0
42,0	33,1	27,7	8 100	7 900	7 600	7 000 *	42,0
44,0	28,3	24,2	7 500	7 200	7 000	6 400 *	44,0
46,0	22,6	19,9	6 800	6 600	6 500	5 900 *	46,0

MLC165 S-2

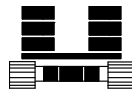


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
9,8	81,4	52,4	65 500*				9,8
10,0	81,1	52,4	64 900				10,0
11,0	79,9	52,2	58 600	49 300			11,0
12,0	78,8	52,0	51 600	46 500	39 800*		12,0
13,0	77,6	51,8	46 000	41 600	37 900	33 100*	13,0
14,0	76,5	51,5	41 400	37 700	34 500	31 100*	14,0
15,0	75,3	51,2	37 600	34 500	31 700	28 700*	15,0
16,0	74,2	51,0	34 300	31 600	29 200	26 500*	16,0
18,0	71,8	50,3	29 200	27 100	25 200	23 000*	18,0
20,0	69,4	49,6	25 100	23 500	22 000	20 200*	20,0
22,0	67,0	48,8	22 000	20 700	19 400	17 900*	22,0
24,0	64,5	47,8	19 400	18 300	17 300	16 000*	24,0
26,0	62,0	46,8	17 300	16 400	15 500	14 400*	26,0
28,0	59,4	45,6	15 500	14 700	14 000	13 000*	28,0
30,0	56,7	44,3	14 000	13 300	12 700	11 800*	30,0
32,0	53,9	42,9	12 700	12 100	11 500	10 700*	32,0
34,0	51,1	41,3	11 500	11 000	10 500	9 800*	34,0
36,0	48,1	39,6	10 500	10 000	9 600	8 900*	36,0
38,0	44,9	37,6	9 600	9 200	8 800	8 200*	38,0
40,0	41,6	35,4	8 700	8 400	8 100	7 500*	40,0
42,0	38,1	33,0	8 000	7 700	7 400	6 900*	42,0
44,0	34,2	30,2	7 300	7 100	6 900	6 400*	44,0
46,0	29,8	26,9	6 700	6 500	6 300	5 800*	46,0
48,0	24,8	22,9	6 200	6 000	5 800	5 300*	48,0
50,0	18,5	17,6	5 700	5 500	5 400	4 900*	50,0

MLC165 S-2

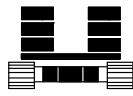


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
10,4	81,2	55,3	60 000 *				10,4
11,0	80,5	55,2	58 600	46 400 *			11,0
12,0	79,4	55,0	51 500	45 000 *			12,0
13,0	78,3	54,8	45 900	41 200	36 400	29 000 *	13,0
14,0	77,3	54,6	41 400	37 400	34 100	28 900 *	14,0
15,0	76,2	54,3	37 500	34 100	31 300	28 400 *	15,0
16,0	75,1	54,1	34 200	31 300	28 800	26 600 *	16,0
18,0	72,8	53,5	29 000	26 800	24 800	22 800 *	18,0
20,0	70,6	52,8	25 000	23 300	21 700	20 100 *	20,0
22,0	68,3	52,0	21 800	20 400	19 200	17 700 *	22,0
24,0	66,0	51,1	19 300	18 100	17 100	15 800 *	24,0
26,0	63,7	50,2	17 100	16 200	15 300	14 200 *	26,0
28,0	61,2	49,1	15 300	14 500	13 700	12 800 *	28,0
30,0	58,8	47,9	13 800	13 100	12 400	11 600 *	30,0
32,0	56,2	46,6	12 500	11 900	11 300	10 600 *	32,0
34,0	53,6	45,2	11 300	10 800	10 300	9 600 *	34,0
36,0	50,9	43,6	10 300	9 800	9 400	8 800 *	36,0
38,0	48,1	41,8	9 400	9 000	8 600	8 000 *	38,0
40,0	45,1	39,9	8 600	8 300	7 900	7 400 *	40,0
42,0	42,0	37,7	7 900	7 600	7 200	6 700 *	42,0
44,0	38,7	35,3	7 200	6 900	6 700	6 200 *	44,0
46,0	35,1	32,6	6 600	6 400	6 100	5 600 *	46,0
48,0	31,1	29,4	6 100	5 800	5 600	5 200 *	48,0
50,0	26,6	25,7	5 500	5 300	5 200	4 700 *	50,0
52,0	21,2	21,0	5 000	4 900	4 700	4 300 *	52,0

MLC165 S-2

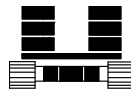


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
10,4	81,7	58,4	56 800 *				10,4
11,0	81,0	58,3	55 600				11,0
12,0	80,0	58,1	51 700	42 700 *			12,0
13,0	79,0	57,9	45 800	41 100	32 300 *		13,0
14,0	77,9	57,7	41 200	37 100	32 200 *	25 400 *	14,0
15,0	76,9	57,5	37 400	33 900	31 000	25 300 *	15,0
16,0	75,9	57,2	34 100	31 100	28 500	25 100	16,0
18,0	73,8	56,6	28 900	26 600	24 600	22 900	18,0
20,0	71,7	56,0	24 900	23 100	21 500	19 900 *	20,0
22,0	69,5	55,2	21 700	20 300	18 900	17 600 *	22,0
24,0	67,4	54,4	19 200	18 000	16 900	15 700 *	24,0
26,0	65,1	53,5	17 100	16 000	15 100	14 100 *	26,0
28,0	62,9	52,5	15 200	14 400	13 600	12 700 *	28,0
30,0	60,6	51,4	13 700	13 000	12 300	11 500 *	30,0
32,0	58,2	50,2	12 400	11 700	11 200	10 500 *	32,0
34,0	55,8	48,9	11 200	10 700	10 200	9 500 *	34,0
36,0	53,3	47,4	10 200	9 700	9 300	8 700 *	36,0
38,0	50,8	45,8	9 300	8 900	8 500	7 900 *	38,0
40,0	48,1	44,0	8 500	8 100	7 800	7 300 *	40,0
42,0	45,3	42,1	7 800	7 400	7 100	6 700 *	42,0
44,0	42,4	40,0	7 100	6 800	6 500	6 100 *	44,0
46,0	39,2	37,6	6 500	6 300	6 000	5 600 *	46,0
48,0	35,9	34,9	6 000	5 700	5 500	5 100 *	48,0
50,0	32,2	31,9	5 500	5 200	5 100	4 700 *	50,0
52,0	28,2	28,4	5 000	4 800	4 600	4 300 *	52,0
54,0	23,4	24,1	4 500	4 400	4 200	3 900 *	54,0
56,0	17,5	18,5	4 100	4 000	3 900	3 600 *	56,0

MLC165 S-2

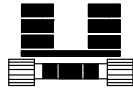


55 110 kg
+
16 010 kg



 60,0 m							
 m	 °	 m	 kg	 kg	 kg	 kg	 m
11,0	81,5	61,3	50 300 *				11,0
12,0	80,5	61,2	49 200 *				12,0
13,0	79,5	61,0	45 900	38 100 *			13,0
14,0	78,6	60,8	41 100	36 800	28 400 *	22 300 *	14,0
15,0	77,6	60,5	37 300	33 600	28 300 *	22 300 *	15,0
16,0	76,6	60,3	34 000	30 900	27 700	22 200 *	16,0
18,0	74,6	59,8	28 800	26 400	24 400	22 000	18,0
20,0	72,6	59,1	24 800	22 900	21 100	19 600	20,0
22,0	70,6	58,5	21 600	20 100	18 700	17 400	22,0
24,0	68,5	57,7	19 000	17 700	16 600	15 500	24,0
26,0	66,5	56,8	16 900	15 800	14 800	13 900	26,0
28,0	64,4	55,9	15 100	14 200	13 300	12 600 *	28,0
30,0	62,2	54,8	13 600	12 800	12 100	11 300 *	30,0
32,0	60,0	53,7	12 200	11 600	10 900	10 300 *	32,0
34,0	57,8	52,5	11 100	10 500	9 900	9 400 *	34,0
36,0	55,5	51,1	10 100	9 500	9 100	8 500 *	36,0
38,0	53,1	49,7	9 200	8 700	8 200	7 800 *	38,0
40,0	50,6	48,0	8 300	7 900	7 500	7 100 *	40,0
42,0	48,1	46,3	7 600	7 200	6 900	6 500 *	42,0
44,0	45,4	44,4	7 000	6 600	6 300	5 900 *	44,0
46,0	42,7	42,2	6 400	6 100	5 800	5 400 *	46,0
48,0	39,7	39,9	5 800	5 600	5 300	5 000 *	48,0
50,0	36,6	37,3	5 300	5 100	4 900	4 500 *	50,0
52,0	33,2	34,4	4 900	4 600	4 400	4 100 *	52,0
54,0	29,5	31,0	4 400	4 200	4 000	3 700 *	54,0
56,0	25,2	27,0	4 000	3 800	3 700	3 400 *	56,0
58,0	20,1	22,1	3 600	3 500	3 400	3 100 *	58,0

MLC165 S-2

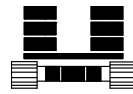


55 110 kg
+
16 010 kg



 63,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
11,6	81,3	64,3	44 200*				11,6
12,0	81,0	64,2	43 800*				12,0
13,0	80,0	64,0	42 900*	34 000*			13,0
14,0	79,1	63,8	41 000	33 700*	25 200*		14,0
15,0	78,2	63,6	37 200	33 100	25 100*	19 600*	15,0
16,0	77,2	63,4	33 900	31 000	24 900*	19 500*	16,0
18,0	75,4	62,9	28 700	26 100	23 800	19 400*	18,0
20,0	73,5	62,3	24 600	22 700	20 900	19 200	20,0
22,0	71,6	61,6	21 500	19 900	18 400	17 100	22,0
24,0	69,6	60,9	18 900	17 600	16 300	15 200	24,0
26,0	67,7	60,1	16 800	15 700	14 600	13 700	26,0
28,0	65,7	59,2	15 000	14 000	13 100	12 300	28,0
30,0	63,6	58,2	13 400	12 600	11 900	11 100	30,0
32,0	61,6	57,2	12 100	11 400	10 700	10 100	32,0
34,0	59,5	56,0	10 900	10 300	9 700	9 200	34,0
36,0	57,3	54,8	9 900	9 400	8 800	8 400	36,0
38,0	55,1	53,4	9 000	8 500	8 100	7 600*	38,0
40,0	52,9	51,9	8 200	7 800	7 400	7 000*	40,0
42,0	50,5	50,3	7 500	7 100	6 700	6 400*	42,0
44,0	48,1	48,5	6 800	6 500	6 200	5 800*	44,0
46,0	45,6	46,6	6 200	5 900	5 600	5 300*	46,0
48,0	42,9	44,5	5 700	5 400	5 100	4 800*	48,0
50,0	40,2	42,2	5 200	4 900	4 700	4 400*	50,0
52,0	37,2	39,7	4 700	4 500	4 300	4 000*	52,0
54,0	34,1	36,8	4 300	4 100	3 900	3 600*	54,0
56,0	30,6	33,5	3 900	3 700	3 600	3 300*	56,0
58,0	26,7	29,8	3 500	3 300	3 200	2 900*	58,0
60,0	22,2	25,3	3 200	3 000	2 900	2 600*	60,0

MLC165 S-2

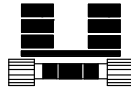


55 110 kg
+
16 010 kg



<p>66,0 m</p>							
<p>m</p>	<p>°</p>	<p>m</p>	<p>0°</p> <p>kg</p>	<p>1°</p> <p>kg</p>	<p>2°</p> <p>kg</p>	<p>3°</p> <p>kg</p>	<p>m</p>
12,2	81,2	67,2	39 200 *				12,2
13,0	80,5	67,1	38 500 *	30 400 *			13,0
14,0	79,6	66,9	37 700 *	30 200 *	22 400 *		14,0
15,0	78,7	66,7	36 700	30 000 *	22 300 *		15,0
16,0	77,8	66,5	34 300	29 500	22 200 *	17 200 *	16,0
18,0	76,0	66,0	28 500	26 100	21 900 *	17 100 *	18,0
20,0	74,2	65,4	24 500	22 400	20 700	16 900 *	20,0
22,0	72,4	64,8	21 300	19 600	18 100	16 500	22,0
24,0	70,6	64,1	18 800	17 300	16 100	15 000	24,0
26,0	68,7	63,3	16 600	15 400	14 300	13 400	26,0
28,0	66,8	62,5	14 800	13 800	12 900	12 100	28,0
30,0	64,9	61,6	13 300	12 400	11 600	10 900	30,0
32,0	63,0	60,6	11 900	11 200	10 500	9 800	32,0
34,0	61,0	59,5	10 800	10 100	9 500	9 000	34,0
36,0	59,0	58,3	9 800	9 200	8 700	8 200	36,0
38,0	56,9	57,0	8 800	8 300	7 900	7 400	38,0
40,0	54,8	55,6	8 100	7 600	7 200	6 800	40,0
42,0	52,7	54,1	7 300	6 900	6 500	6 200	42,0
44,0	50,4	52,5	6 700	6 300	6 000	5 600	44,0
46,0	48,1	50,8	6 000	5 700	5 400	5 100 *	46,0
48,0	45,7	48,8	5 500	5 200	4 900	4 600 *	48,0
50,0	43,2	46,8	5 000	4 700	4 500	4 200 *	50,0
52,0	40,6	44,5	4 500	4 300	4 100	3 800 *	52,0
54,0	37,8	42,0	4 100	3 900	3 700	3 500 *	54,0
56,0	34,8	39,2	3 700	3 500	3 300	3 100 *	56,0
58,0	31,6	36,1	3 300	3 200	3 000	2 800 *	58,0
60,0	28,0	32,5	3 000	2 900	2 700	2 500 *	60,0
62,0	24,0	28,3	2 700	2 600	2 400	2 200 *	62,0
64,0	19,1	23,1	2 400	2 300	2 100	1 900 *	64,0

MLC165 S-2

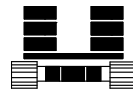


55 110 kg
+
16 010 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
12,2	81,6	70,2	35 000*				12,2
13,0	80,9	70,1	34 400*				13,0
14,0	80,1	69,9	33 700*	27 100*			14,0
15,0	79,2	69,7	33 000*	26 900*	19 900*		15,0
16,0	78,4	69,5	32 200	26 700*	19 700*		16,0
18,0	76,7	69,1	28 600	25 500	19 500*	15 000*	18,0
20,0	74,9	68,5	24 400	22 200	19 300	14 900*	20,0
22,0	73,2	67,9	21 200	19 500	18 000	14 800*	22,0
24,0	71,5	67,3	18 600	17 200	15 900	14 500	24,0
26,0	69,7	66,6	16 500	15 200	14 200	13 100	26,0
28,0	67,9	65,8	14 700	13 700	12 700	11 800	28,0
30,0	66,1	64,9	13 200	12 300	11 400	10 700	30,0
32,0	64,3	63,9	11 800	11 100	10 300	9 700	32,0
34,0	62,4	62,9	10 700	10 000	9 300	8 800	34,0
36,0	60,5	61,8	9 600	9 000	8 500	8 000	36,0
38,0	58,6	60,6	8 700	8 200	7 700	7 200	38,0
40,0	56,6	59,3	7 900	7 500	7 000	6 600	40,0
42,0	54,5	57,9	7 200	6 800	6 400	6 000	42,0
44,0	52,5	56,4	6 500	6 200	5 800	5 400	44,0
46,0	50,3	54,8	5 900	5 600	5 300	5 000	46,0
48,0	48,1	53,0	5 400	5 100	4 800	4 500	48,0
50,0	45,8	51,1	4 900	4 600	4 400	4 100	50,0
52,0	43,4	49,0	4 400	4 200	4 000	3 700	52,0
54,0	40,9	46,8	4 000	3 800	3 600	3 300*	54,0
56,0	38,3	44,3	3 600	3 400	3 200	3 000*	56,0
58,0	35,5	41,6	3 200	3 100	2 900	2 700*	58,0
60,0	32,5	38,5	2 900	2 800	2 600	2 400*	60,0
62,0	29,2	35,1	2 600	2 400	2 300	2 100*	62,0
64,0	25,5	31,2	2 300	2 200	2 000	1 800*	64,0
66,0	21,2	26,4	2 000	1 900	1 700	1 600*	66,0

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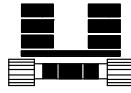


55 110 kg
+
16 010 kg



 72,0 m							
 m	 °	 m	 kg	 kg	 kg	 kg	 m
12,8	81,4	73,2	34 000 *				12,8
13,0	81,3	73,2	33 900 *				13,0
14,0	80,5	73,0	33 300 *	26 100 *			14,0
15,0	79,7	72,8	32 800 *	26 000 *			15,0
16,0	78,9	72,6	32 000	26 000 *	18 800 *		16,0
18,0	77,2	72,2	28 500	25 100	18 800 *	14 200 *	18,0
20,0	75,6	71,7	24 200	21 900	18 700	14 200 *	20,0
22,0	73,9	71,1	21 000	19 100	17 700	14 100 *	22,0
24,0	72,3	70,4	18 400	16 900	15 500	14 100	24,0
26,0	70,6	69,8	16 300	15 000	13 800	12 800	26,0
28,0	68,9	69,0	14 400	13 400	12 400	11 500	28,0
30,0	67,2	68,2	12 900	12 000	11 100	10 300	30,0
32,0	65,4	67,3	11 600	10 800	10 000	9 300	32,0
34,0	63,6	66,3	10 400	9 700	9 000	8 400	34,0
36,0	61,8	65,2	9 400	8 800	8 200	7 600	36,0
38,0	60,0	64,1	8 500	7 900	7 400	6 900	38,0
40,0	58,1	62,9	7 700	7 200	6 700	6 300	40,0
42,0	56,2	61,6	6 900	6 500	6 100	5 700	42,0
44,0	54,3	60,2	6 300	5 900	5 500	5 200	44,0
46,0	52,3	58,6	5 700	5 300	5 000	4 600	46,0
48,0	50,2	57,0	5 100	4 800	4 500	4 200	48,0
50,0	48,1	55,2	4 600	4 400	4 100	3 800	50,0
52,0	45,9	53,3	4 200	3 900	3 700	3 400	52,0
54,0	43,6	51,3	3 800	3 500	3 300	3 100	54,0
56,0	41,3	49,0	3 400	3 100	2 900	2 700	56,0
58,0	38,8	46,6	3 000	2 800	2 600	2 400	58,0
60,0	36,1	44,0	2 700	2 500	2 300	2 100 *	60,0
62,0	33,3	41,0	2 300	2 100	2 000	1 800 *	62,0
64,0	30,2	37,7	2 000	1 900	1 700	1 600 *	64,0
66,0	26,8	33,9	1 700	1 600	1 500		66,0
68,0	22,9	29,5	1 500	1 400			68,0

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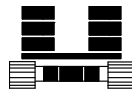


55 110 kg
+
16 010 kg



 m	 °	 m	 kg	 kg	 kg	 kg	 m	
13,4	81,3	76,1	33 100 *					13,4
14,0	80,9	76,0	32 900 *					14,0
15,0	80,1	75,8	32 400 *	23 500 *				15,0
16,0	79,3	75,7	31 700	23 400 *				16,0
18,0	77,8	75,2	28 300	23 300 *	16 800 *			18,0
20,0	76,2	74,8	24 100	21 800	16 700 *	12 600 *		20,0
22,0	74,6	74,2	20 900	19 000	16 500	12 500 *		22,0
24,0	73,0	73,6	18 300	16 700	15 400	12 500 *		24,0
26,0	71,4	72,9	16 100	14 800	13 600	12 400		26,0
28,0	69,8	72,2	14 300	13 200	12 200	11 200		28,0
30,0	68,1	71,4	12 800	11 800	10 900	10 100		30,0
32,0	66,5	70,6	11 400	10 600	9 800	9 100		32,0
34,0	64,8	69,6	10 300	9 500	8 900	8 200		34,0
36,0	63,1	68,6	9 200	8 600	8 000	7 400		36,0
38,0	61,3	67,6	8 300	7 700	7 200	6 700		38,0
40,0	59,6	66,4	7 600	7 000	6 500	6 000		40,0
42,0	57,8	65,2	6 800	6 300	5 900	5 500		42,0
44,0	55,9	63,8	6 100	5 700	5 400	4 900		44,0
46,0	54,1	62,4	5 500	5 200	4 800	4 500		46,0
48,0	52,1	60,9	5 000	4 700	4 400	4 000		48,0
50,0	50,2	59,2	4 500	4 200	3 900	3 600		50,0
52,0	48,1	57,5	4 000	3 800	3 500	3 200		52,0
54,0	46,0	55,6	3 600	3 400	3 100	2 900		54,0
56,0	43,8	53,5	3 200	3 000	2 800	2 500		56,0
58,0	41,6	51,3	2 900	2 700	2 400	2 300		58,0
60,0	39,2	48,9	2 500	2 300	2 100	2 000		60,0
62,0	36,7	46,3	2 200	2 000	1 800	1 700		62,0
64,0	34,0	43,4	1 900	1 700	1 600	1 400		64,0
66,0	31,1	40,2	1 600	1 500				66,0

MLC165 S-2

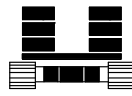


55 110 kg
+
16 010 kg



	m	°	m	0° kg	1° kg	2° kg	3° kg	m
13,4	81,7		79,2	30 000 *				13,4
14,0	81,2		79,1	29 800 *				14,0
15,0	80,5		78,9	29 500 *				15,0
16,0	79,7		78,7	29 100 *	21 200 *			16,0
18,0	78,2		78,3	27 700	21 100 *	15 000 *		18,0
20,0	76,7		77,8	23 900	20 900	14 900 *	11 100 *	20,0
22,0	75,2		77,3	20 700	18 800	14 900 *	11 000 *	22,0
24,0	73,7		76,8	18 100	16 500	14 700	10 900 *	24,0
26,0	72,1		76,1	16 000	14 600	13 300	10 900 *	26,0
28,0	70,6		75,4	14 200	13 000	11 900	10 800	28,0
30,0	69,0		74,7	12 600	11 600	10 700	9 900	30,0
32,0	67,4		73,8	11 300	10 400	9 600	8 800	32,0
34,0	65,8		73,0	10 100	9 300	8 600	8 000	34,0
36,0	64,2		72,0	9 100	8 400	7 800	7 200	36,0
38,0	62,5		71,0	8 200	7 600	7 000	6 500	38,0
40,0	60,9		69,9	7 400	6 800	6 300	5 800	40,0
42,0	59,2		68,7	6 600	6 200	5 700	5 300	42,0
44,0	57,4		67,4	6 000	5 500	5 100	4 700	44,0
46,0	55,6		66,1	5 400	5 000	4 600	4 200	46,0
48,0	53,8		64,7	4 800	4 500	4 100	3 800	48,0
50,0	52,0		63,1	4 300	4 000	3 700	3 400	50,0
52,0	50,1		61,5	3 900	3 600	3 300	3 000	52,0
54,0	48,1		59,7	3 400	3 200	2 900	2 700	54,0
56,0	46,1		57,8	3 100	2 800	2 600	2 300	56,0
58,0	44,0		55,8	2 700	2 500	2 300	2 000	58,0
60,0	41,8		53,6	2 300	2 100	2 000	1 700	60,0
62,0	39,6		51,2	2 000	1 800	1 700	1 500	62,0
64,0	37,2		48,7	1 700	1 500	1 400		64,0
66,0	34,6		45,8	1 400				66,0

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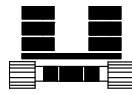


55 110 kg
+
16 010 kg



 m	 °	 m	 kg	 kg	 kg	 kg	 m
14,0	81,5	82,1	27 900 *				14,0
15,0	80,8	81,9	27 500 *				15,0
16,0	80,1	81,8	27 300 *	19 500 *			16,0
18,0	78,7	81,4	26 600 *	19 400 *	13 600 *		18,0
20,0	77,2	80,9	23 800	19 300 *	13 600 *	9 900 *	20,0
22,0	75,8	80,4	20 600	18 700	13 500 *	9 900 *	22,0
24,0	74,3	79,9	18 000	16 300	13 500 *	9 900 *	24,0
26,0	72,8	79,3	15 800	14 400	13 200	9 800 *	26,0
28,0	71,3	78,6	14 000	12 800	11 700	9 800 *	28,0
30,0	69,8	77,9	12 500	11 400	10 500	9 600	30,0
32,0	68,3	77,1	11 200	10 200	9 400	8 600	32,0
34,0	66,8	76,2	10 000	9 200	8 400	7 700	34,0
36,0	65,2	75,3	9 000	8 200	7 600	7 000	36,0
38,0	63,6	74,4	8 100	7 400	6 800	6 300	38,0
40,0	62,0	73,3	7 200	6 700	6 100	5 600	40,0
42,0	60,4	72,2	6 500	6 000	5 500	5 100	42,0
44,0	58,8	71,0	5 900	5 400	5 000	4 500	44,0
46,0	57,1	69,7	5 300	4 800	4 500	4 100	46,0
48,0	55,4	68,3	4 700	4 400	4 000	3 600	48,0
50,0	53,6	66,9	4 200	3 900	3 500	3 200	50,0
52,0	51,8	65,3	3 800	3 400	3 100	2 900	52,0
54,0	50,0	63,7	3 300	3 000	2 800	2 500	54,0
56,0	48,1	61,9	2 900	2 600	2 400	2 200	56,0
58,0	46,2	60,0	2 600	2 300	2 100	1 800	58,0
60,0	44,2	58,0	2 200	2 000	1 800	1 600	60,0
62,0	42,1	55,9	1 900	1 700	1 500		62,0
64,0	39,9	53,5	1 600	1 400			64,0

MLC165 S-2



55 110 kg
+
16 010 kg



<p>84,0 m</p>			
<p>m</p>	<p>°</p>	<p>m</p>	<p>kg</p>
14,6	81,4	85,0	24 900 *
15,0	81,2	85,0	24 700 *
16,0	80,5	84,8	24 500 *
18,0	79,1	84,4	23 900 *
20,0	77,7	84,0	23 300
22,0	76,3	83,5	20 500
24,0	74,9	83,0	17 800
26,0	73,5	82,4	15 700
28,0	72,0	81,8	13 800
30,0	70,6	81,1	12 300
32,0	69,1	80,3	11 000
34,0	67,6	79,5	9 800
36,0	66,2	78,6	8 800
38,0	64,7	77,7	7 900
40,0	63,1	76,7	7 100
42,0	61,6	75,6	6 400
44,0	60,0	74,5	5 700
46,0	58,4	73,3	5 100
48,0	56,8	72,0	4 600
50,0	55,1	70,6	4 100
52,0	53,4	69,2	3 600
54,0	51,7	67,6	3 200
56,0	49,9	65,9	2 800
58,0	48,1	64,2	2 400
60,0	46,3	62,3	2 000
62,0	44,3	60,3	1 700
64,0	42,3	58,1	1 400