

Liftcrane Boom Capacities

Boom No. B10:76A
51 980 kg Crane Counterweight
0 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

MLC200 SERIES 1

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 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 and uniformly supporting surface with gantry up and machine list not to exceed degrees noted. 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 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 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. A038-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 Tables 1 and 2 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 barge deck until combined weights are within rated capacity of chart. For boom lengths shown with (a), upper boom point must be removed. Raising is not permitted in shaded areas of table.

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

Table 1

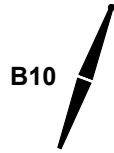
Over End or Side of Crawlers					
Boom Length (m)	Maximum Number of Lower Boom Point Sheaves	Machine List			
		0°	1°	2°	3°
		Block Weight (kg)			
20,0 - 44,0	7	3 625	3 625	3 625	3 625
47,0	7	3 625	3 400	3 400	3 400
50,0	7	2 700	2 400	2 400	2 400
53,0	7	1 700	1 450	1 450	1 450
56,0	7	#	#	#	#
59,0	7	#	#	#	#
62,0	7	Raising Not Permitted			
65,0	7				
68,0 (a)	7				

Table 2

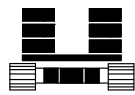
Over End of Blocked Crawlers					
Boom Length (m)	Maximum Number of Lower Boom Point Sheaves	Machine List			
		0°	1°	2°	3°
		Block Weight (kg)			
20,0 - 44,0	7	3 625	3 625	3 625	3 625
47,0	7	3 625	3 625	3 625	3 625
50,0	7	3 175	2 800	2 800	2 800
53,0	7	2 400	2 025	2 025	2 025
56,0	7	1 900	1 800	1 800	1 800
59,0	7	1 625	1 350	1 350	1 350
62,0	7	#	#	#	#
65,0	7	#	#	#	#
68,0 (a)	7	#	Raising Not Permitted		

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. *Crane tipping or structural damage can occur.*

Explanation of Symbols



Boom No. B10:76A



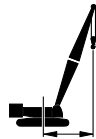
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



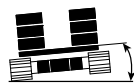
Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)

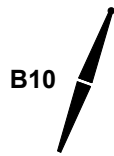


Machine List



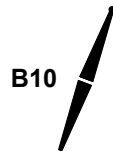
Lifting Capacities
(see page 1)

MLC200 S-1



20,0 m								
m	°	m	0° kg	1° kg	2° kg	3° kg	kg	m
4,6	83,2	22,2	167 600 b					4,6
5,0	82,0	22,1	154 500 b					5,0
5,5	80,5	22,0	141 200 b	132 800 b	125 500 b			5,5
6,0	79,0	21,9	130 100 b	122 900 b	115 800 b	105 300 b		6,0
6,5	77,6	21,8	120 500 b	113 300 b	103 000 b	93 700 b		6,5
7,0	76,1	21,7	111 000 b	100 700 b	91 900 b	84 300 b		7,0
7,5	74,6	21,5	98 600	90 200	82 900	76 600		7,5
8,0	73,1	21,4	88 300	81 400	75 400	70 100		8,0
8,5	71,6	21,2	79 900	74 200	69 100	64 600		8,5
9,0	70,0	21,0	72 900	68 100	63 700	59 800		9,0
9,5	68,5	20,8	67 000	62 800	59 000	55 600		9,5
10,0	66,9	20,6	61 900	58 300	55 000	52 000		10,0
10,5	65,3	20,3	57 500	54 300	51 400	48 800		10,5
11,0	63,7	20,0	53 500	50 700	48 200	45 800		11,0
12,0	60,4	19,5	47 000	44 900	42 800	40 900		12,0
13,0	57,0	18,8	41 800	40 000	38 400	36 800		13,0
14,0	53,4	18,1	37 500	36 000	34 700	33 400		14,0
15,0	49,6	17,2	33 900	32 700	31 600	30 500		15,0
16,0	45,6	16,2	31 000	30 000	29 000	28 100		16,0
18,0	36,5	13,8	26 000	25 300	24 600	24 000		18,0
20,0	24,5	10,1	22 100	21 600	21 200	20 800		20,0

MLC200 S-1

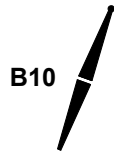


51 980 kg
+
0 kg



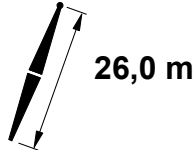


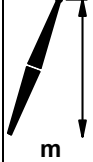
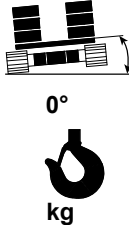
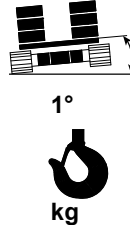
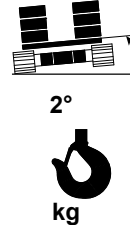
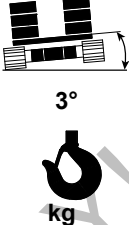

 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,2	82,6	25,1	149 100 b				5,2
5,5	81,8	25,1	141 000 b	131 700 b			5,5
6,0	80,5	25,0	129 900 b	121 700 b			6,0
6,5	79,2	24,9	120 300 b	112 200 b	100 600 b	90 600b	6,5
7,0	77,9	24,8	111 200 b	99 600 b	89 900 b	81 700b	7,0
7,5	76,7	24,7	98 700	89 300	81 300	74 400	7,5
8,0	75,4	24,5	88 500	80 700	74 000	68 300	8,0
8,5	74,1	24,4	80 000	73 500	67 900	62 900	8,5
9,0	72,8	24,2	73 000	67 500	62 700	58 400	9,0
9,5	71,4	24,0	67 100	62 300	58 100	54 400	9,5
10,0	70,1	23,8	61 900	57 800	54 200	50 800	10,0
10,5	68,8	23,6	57 500	53 900	50 700	47 700	10,5
11,0	67,4	23,4	53 600	50 400	47 500	44 900	11,0
12,0	64,6	22,9	47 100	44 600	42 300	40 100	12,0
13,0	61,8	22,4	41 800	39 800	37 900	36 200	13,0
14,0	58,9	21,8	37 500	35 800	34 300	32 800	14,0
15,0	55,9	21,1	33 900	32 500	31 200	30 000	15,0
16,0	52,7	20,3	31 000	29 800	28 700	27 600	16,0
18,0	46,0	18,5	26 000	25 200	24 300	23 600	18,0
20,0	38,3	16,2	22 200	21 600	21 000	20 400	20,0
22,0	28,9	13,0	19 200	18 800	18 300	17 900	22,0

MLC200 S-1

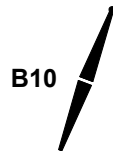



51 980 kg
 +
0 kg



							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,5	82,8	28,1	141 200				5,5
6,0	81,6	28,0	129 800				6,0
6,5	80,5	28,0	120 200	111 200	98 200		6,5
7,0	79,4	27,9	111 400	98 500	88 000	79 100	7,0
7,5	78,2	27,7	98 900	88 400	79 700	72 400	7,5
8,0	77,1	27,6	88 600	80 000	72 700	66 500	8,0
8,5	76,0	27,5	80 200	72 900	66 800	61 400	8,5
9,0	74,8	27,3	73 100	67 000	61 700	57 100	9,0
9,5	73,7	27,2	67 200	61 900	57 300	53 200	9,5
10,0	72,5	27,0	62 000	57 400	53 400	49 800	10,0
10,5	71,3	26,8	57 600	53 600	50 000	46 800	10,5
11,0	70,1	26,7	53 700	50 100	46 900	44 100	11,0
12,0	67,8	26,2	47 200	44 300	41 800	39 400	12,0
13,0	65,3	25,8	41 900	39 600	37 500	35 600	13,0
14,0	62,8	25,3	37 600	35 700	33 900	32 300	14,0
15,0	60,3	24,7	34 000	32 400	30 900	29 500	15,0
16,0	57,7	24,0	31 100	29 700	28 400	27 200	16,0
18,0	52,2	22,6	26 100	25 100	24 100	23 200	18,0
20,0	46,2	20,7	22 300	21 500	20 800	20 100	20,0
22,0	39,6	18,5	19 800	18 700	18 200	17 700	22,0
24,0	31,7	15,5	16 900	16 400	16 000	15 600	24,0
26,0	21,3	11,2	14 800	14 500	14 200	13 900	26,0

MLC200 S-1

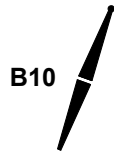


51 980 kg
+
0 kg



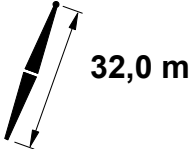



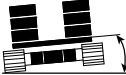
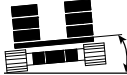
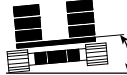
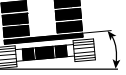

 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,8	82,9	31,1	134 000				5,8
6,0	82,5	31,1	129 600				6,0
6,5	81,5	31,0	120 000	109 900			6,5
7,0	80,5	30,9	111 500	97 400	85 900		7,0
7,5	79,5	30,8	98 900	87 400	78 100	70 400	7,5
8,0	78,4	30,7	88 600	79 200	71 300	64 700	8,0
8,5	77,4	30,6	80 200	72 200	65 600	59 900	8,5
9,0	76,4	30,4	73 200	66 400	60 600	55 700	9,0
9,5	75,4	30,3	67 100	61 300	56 300	52 000	9,5
10,0	74,4	30,2	62 000	57 000	52 600	48 700	10,0
10,5	73,3	30,0	57 600	53 100	49 200	45 800	10,5
11,0	72,3	29,8	53 600	49 700	46 200	43 100	11,0
12,0	70,2	29,5	47 100	44 000	41 200	38 600	12,0
13,0	68,0	29,1	41 800	39 300	37 000	34 900	13,0
14,0	65,9	28,6	37 500	35 400	33 500	31 700	14,0
15,0	63,7	28,1	33 900	32 200	30 500	29 000	15,0
16,0	61,4	27,6	31 000	29 500	28 000	26 700	16,0
18,0	56,7	26,3	26 000	24 900	23 800	22 800	18,0
20,0	51,8	24,8	22 200	21 400	20 500	19 800	20,0
22,0	46,4	23,0	19 200	18 600	17 900	17 300	22,0
24,0	40,5	20,7	16 800	16 300	15 800	15 300	24,0
26,0	33,8	18,0	14 800	14 300	14 000	13 600	26,0
28,0	25,4	14,2	13 000	12 700	12 400	12 100	28,0

MLC200 S-1




51 980 kg
 +
0 kg



							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
6,1	83,0	34,1	127 600				6,1
6,5	82,3	34,1	120 000				6,5
7,0	81,4	34,0	111 600	96 300			7,0
7,5	80,5	33,9	99 000	86 500	76 600		7,5
8,0	79,6	33,8	88 700	78 400	70 100	63 100	8,0
8,5	78,6	33,7	80 300	71 600	64 500	58 500	8,5
9,0	77,7	33,6	73 200	65 900	59 700	54 500	9,0
9,5	76,8	33,4	67 200	60 900	55 500	50 900	9,5
10,0	75,9	33,3	62 100	56 600	51 800	47 700	10,0
10,5	74,9	33,2	57 600	52 800	48 600	44 900	10,5
11,0	74,0	33,0	53 700	49 400	45 700	42 300	11,0
12,0	72,1	32,7	47 200	43 700	40 700	38 000	12,0
13,0	70,2	32,3	41 900	39 100	36 600	34 300	13,0
14,0	68,3	31,9	37 600	35 200	33 100	31 200	14,0
15,0	66,3	31,5	34 000	32 000	30 200	28 600	15,0
16,0	64,3	31,0	31 000	29 300	27 800	26 400	16,0
18,0	60,2	29,9	26 100	24 800	23 600	22 500	18,0
20,0	56,0	28,6	22 300	21 300	20 400	19 500	20,0
22,0	51,5	27,0	19 300	18 500	17 800	17 100	22,0
24,0	46,6	25,2	16 900	16 300	15 700	15 100	24,0
26,0	41,4	23,1	14 800	14 400	13 900	13 400	26,0
28,0	35,4	20,4	13 100	12 800	12 400	12 000	28,0
30,0	28,4	17,1	11 700	11 400	11 100	10 800	30,0
32,0	19,0	12,2	10 400	10 200	9 900	9 700	32,0

MLC200 S-1

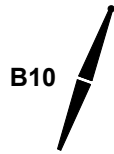


51 980 kg
+
0 kg



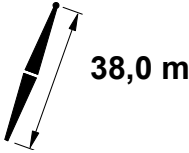



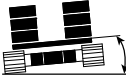
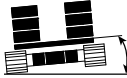
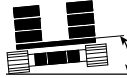
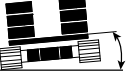

 m	 °	 m	 kg	 kg	 kg	 kg	 m
6,4	83,1	37,1	121 500				6,4
6,5	82,9	37,1	119 800				6,5
7,0	82,1	37,0	111 400				7,0
7,5	81,3	36,9	99 100	85 600			7,5
8,0	80,5	36,8	88 700	77 600	68 800		8,0
8,5	79,6	36,7	80 200	70 900	63 400	56 800	8,5
9,0	78,8	36,6	73 200	65 300	58 700	53 200	9,0
9,5	77,9	36,5	67 200	60 300	54 600	49 700	9,5
10,0	77,1	36,4	62 000	56 100	51 000	46 700	10,0
10,5	76,3	36,3	57 600	52 300	47 900	44 000	10,5
11,0	75,4	36,1	53 600	49 000	45 000	41 500	11,0
12,0	73,7	35,8	47 100	43 400	40 100	37 200	12,0
13,0	72,0	35,5	41 800	38 800	36 100	33 600	13,0
14,0	70,2	35,1	37 500	34 900	32 700	30 600	14,0
15,0	68,5	34,7	33 900	31 700	29 800	28 000	15,0
16,0	66,7	34,3	30 900	29 100	27 400	25 800	16,0
18,0	63,0	33,3	25 900	24 600	23 300	22 100	18,0
20,0	59,3	32,2	22 100	21 100	20 100	19 100	20,0
22,0	55,3	30,8	19 200	18 300	17 500	16 800	22,0
24,0	51,2	29,3	16 700	16 100	15 400	14 800	24,0
26,0	46,7	27,4	14 700	14 200	13 600	13 100	26,0
28,0	42,0	25,3	13 000	12 600	12 100	11 700	28,0
30,0	36,7	22,8	11 600	11 200	10 900	10 500	30,0
32,0	30,6	19,6	10 300	10 000	9 700	9 400	32,0
34,0	23,0	15,5	9 200	9 000	8 700	8 500	34,0

MLC200 S-1

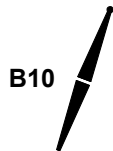



51 980 kg
 +
0 kg



							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
6,7	83,2	40,1	116 000				6,7
7,0	82,8	40,0	111 300				7,0
7,5	82,0	40,0	99 100				7,5
8,0	81,2	39,9	88 700	76 800			8,0
8,5	80,5	39,8	80 200	70 300	62 300		8,5
9,0	79,7	39,7	73 200	64 700	57 700	52 000	9,0
9,5	78,9	39,6	67 100	59 800	53 700	48 600	9,5
10,0	78,1	39,5	62 000	55 600	50 200	45 700	10,0
10,5	77,4	39,4	57 500	51 900	47 100	43 000	10,5
11,0	76,6	39,2	53 600	48 600	44 300	40 600	11,0
12,0	75,0	39,0	47 000	43 000	39 600	36 500	12,0
13,0	73,5	38,7	41 700	38 500	35 600	33 000	13,0
14,0	71,9	38,3	37 400	34 700	32 200	30 100	14,0
15,0	70,3	38,0	33 800	31 500	29 400	27 500	15,0
16,0	68,6	37,6	30 800	28 800	27 000	25 400	16,0
18,0	65,3	36,7	25 900	24 400	23 000	21 700	18,0
20,0	62,0	35,7	22 100	20 900	19 800	18 800	20,0
22,0	58,4	34,5	19 100	18 200	17 300	16 500	22,0
24,0	54,8	33,1	16 700	15 900	15 200	14 500	24,0
26,0	51,0	31,5	14 600	14 000	13 400	12 900	26,0
28,0	46,9	29,7	13 000	12 400	12 000	11 500	28,0
30,0	42,5	27,6	11 500	11 100	10 700	10 300	30,0
32,0	37,7	25,2	10 200	9 900	9 500	9 200	32,0
34,0	32,3	22,2	9 100	8 900	8 600	8 300	34,0
36,0	26,0	18,4	8 200	7 900	7 700	7 500	36,0
38,0	17,4	13,1	7 300	7 100	6 900	6 700	38,0

MLC200 S-1

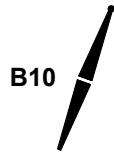


51 980 kg
+
0 kg



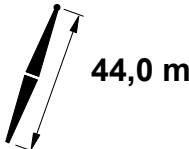


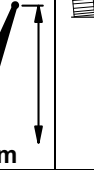
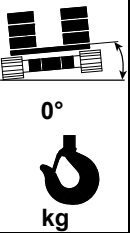
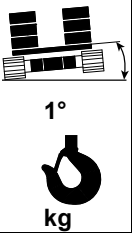
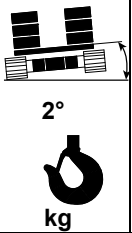
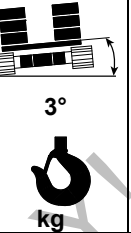

 m	 °	 m	 kg	 kg	 kg	 kg	 m
7,3	82,8	43,0	103 400				7,3
7,5	82,6	43,0	99 100				7,5
8,0	81,9	42,9	88 700	76 100			8,0
8,5	81,2	42,8	80 200	69 600			8,5
9,0	80,5	42,7	73 100	64 000	56 700		9,0
9,5	79,7	42,6	67 100	59 200	52 900	47 500	9,5
10,0	79,0	42,5	61 900	55 100	49 400	44 700	10,0
10,5	78,3	42,4	57 500	51 400	46 400	42 100	10,5
11,0	77,6	42,3	53 500	48 100	43 600	39 800	11,0
12,0	76,2	42,1	46 900	42 600	39 000	35 800	12,0
13,0	74,7	41,8	41 600	38 100	35 100	32 400	13,0
14,0	73,2	41,5	37 300	34 300	31 800	29 500	14,0
15,0	71,8	41,2	33 700	31 200	29 000	27 000	15,0
16,0	70,3	40,8	30 700	28 600	26 600	24 900	16,0
18,0	67,3	40,0	25 700	24 100	22 600	21 300	18,0
20,0	64,2	39,0	21 900	20 700	19 500	18 400	20,0
22,0	61,0	38,0	18 900	17 900	17 000	16 100	22,0
24,0	57,7	36,7	16 500	15 700	14 900	14 200	24,0
26,0	54,3	35,3	14 500	13 800	13 200	12 600	26,0
28,0	50,7	33,7	12 800	12 200	11 700	11 200	28,0
30,0	47,0	31,9	11 300	10 900	10 400	10 000	30,0
32,0	42,9	29,9	10 100	9 700	9 300	8 900	32,0
34,0	38,6	27,5	9 000	8 700	8 300	8 000	34,0
36,0	33,7	24,6	8 000	7 700	7 500	7 200	36,0
38,0	28,1	21,2	7 100	6 900	6 700	6 500	38,0
40,0	21,2	16,6	6 400	6 200	6 000	5 800	40,0

MLC200 S-1

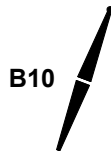



51 980 kg
 +
0 kg



							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
7,6	82,9	46,0	96 300				7,6
8,0	82,4	46,0	88 700				8,0
8,5	81,8	45,9	80 200	68 500			8,5
9,0	81,1	45,8	73 100	63 500			9,0
9,5	80,5	45,7	67 100	58 700	52 000		9,5
10,0	79,8	45,6	61 900	54 600	48 700		10,0
10,5	79,1	45,5	57 400	51 000	45 700	41 300	10,5
11,0	78,5	45,4	53 400	47 800	43 000	39 000	11,0
12,0	77,1	45,2	46 900	42 300	38 500	35 100	12,0
13,0	75,8	44,9	41 600	37 900	34 600	31 800	13,0
14,0	74,4	44,6	37 200	34 100	31 400	29 000	14,0
15,0	73,1	44,3	33 600	31 000	28 600	26 600	15,0
16,0	71,7	44,0	30 700	28 400	26 300	24 500	16,0
18,0	68,9	43,2	25 700	23 900	22 400	21 000	18,0
20,0	66,1	42,4	21 900	20 500	19 300	18 100	20,0
22,0	63,2	41,4	18 900	17 800	16 800	15 900	22,0
24,0	60,2	40,3	16 500	15 600	14 800	14 000	24,0
26,0	57,1	39,0	14 400	13 700	13 000	12 400	26,0
28,0	53,9	37,6	12 700	12 100	11 600	11 000	28,0
30,0	50,6	36,0	11 300	10 800	10 300	9 800	30,0
32,0	47,1	34,2	10 000	9 600	9 200	8 800	32,0
34,0	43,3	32,1	9 000	8 600	8 200	7 900	34,0
36,0	39,3	29,8	8 000	7 700	7 400	7 100	36,0
38,0	34,9	27,1	7 100	6 900	6 600	6 300	38,0
40,0	30,0	23,8	6 400	6 100	5 900	5 700	40,0
42,0	24,0	19,7	5 600	5 500	5 300	5 100	42,0
44,0	16,1	14,0	5 000	4 900	4 700	4 600	44,0

MLC200 S-1

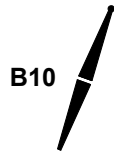


51 980 kg
+
0 kg



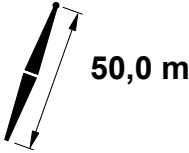



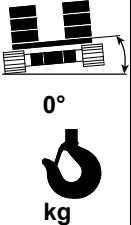
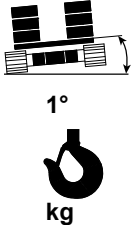
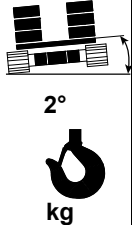
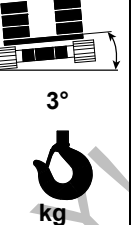

 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
7,9	83,0	49,0	90 100				7,9
8,0	82,9	49,0	88 700				8,0
8,5	82,3	48,9	80 200				8,5
9,0	81,7	48,8	73 100	62 900			9,0
9,5	81,1	48,8	67 000	58 200			9,5
10,0	80,4	48,7	61 800	54 100	47 900		10,0
10,5	79,8	48,6	57 300	50 600	45 000	40 400	10,5
11,0	79,2	48,5	53 300	47 300	42 400	38 200	11,0
12,0	78,0	48,3	46 800	42 000	37 900	34 400	12,0
13,0	76,7	48,0	41 500	37 500	34 100	31 200	13,0
14,0	75,4	47,7	37 100	33 800	30 900	28 400	14,0
15,0	74,2	47,5	33 500	30 700	28 200	26 000	15,0
16,0	72,9	47,2	30 500	28 100	25 900	24 000	16,0
18,0	70,3	46,5	25 500	23 700	22 000	20 500	18,0
20,0	67,7	45,7	21 700	20 300	19 000	17 800	20,0
22,0	65,0	44,7	18 700	17 600	16 500	15 500	22,0
24,0	62,3	43,7	16 300	15 300	14 500	13 600	24,0
26,0	59,5	42,6	14 300	13 500	12 700	12 100	26,0
28,0	56,6	41,3	12 600	11 900	11 300	10 700	28,0
30,0	53,5	39,8	11 100	10 600	10 000	9 500	30,0
32,0	50,4	38,2	9 900	9 400	8 900	8 500	32,0
34,0	47,1	36,4	8 800	8 400	8 000	7 600	34,0
36,0	43,7	34,4	7 800	7 500	7 100	6 800	36,0
38,0	39,9	32,1	7 000	6 700	6 400	6 100	38,0
40,0	35,9	29,4	6 200	5 900	5 700	5 400	40,0
42,0	31,4	26,3	5 500	5 300	5 100	4 800	42,0
44,0	26,2	22,6	4 900	4 700	4 500	4 300	44,0
46,0	19,7	17,6	4 300	4 100	4 000	3 800	46,0

MLC200 S-1

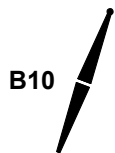



51 980 kg
 +
0 kg



 50,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
8,2	83,1	52,0	84 500				8,2
8,5	82,8	51,9	80 100				8,5
9,0	82,2	51,9	73 000				9,0
9,5	81,6	51,8	66 900	57 600			9,5
10,0	81,0	51,7	61 700	53 600			10,0
10,5	80,4	51,6	57 300	50 100	44 300		10,5
11,0	79,9	51,5	53 200	46 900	41 700	37 500	11,0
12,0	78,7	51,3	46 700	41 600	37 300	33 700	12,0
13,0	77,5	51,1	41 400	37 200	33 600	30 600	13,0
14,0	76,3	50,8	37 000	33 500	30 500	27 900	14,0
15,0	75,1	50,6	33 400	30 400	27 800	25 500	15,0
16,0	74,0	50,3	30 400	27 800	25 600	23 600	16,0
18,0	71,5	49,6	25 400	23 400	21 700	20 100	18,0
20,0	69,1	48,9	21 600	20 100	18 700	17 400	20,0
22,0	66,6	48,0	18 600	17 400	16 200	15 200	22,0
24,0	64,1	47,1	16 100	15 100	14 200	13 400	24,0
26,0	61,5	46,0	14 100	13 300	12 500	11 800	26,0
28,0	58,8	44,8	12 400	11 700	11 100	10 500	28,0
30,0	56,1	43,5	11 000	10 400	9 800	9 300	30,0
32,0	53,2	42,1	9 700	9 200	8 700	8 300	32,0
34,0	50,3	40,4	8 600	8 200	7 800	7 400	34,0
36,0	47,2	38,6	7 700	7 300	6 900	6 600	36,0
38,0	43,9	36,6	6 800	6 500	6 200	5 900	38,0
40,0	40,5	34,3	6 100	5 800	5 500	5 200	40,0
42,0	36,7	31,8	5 400	5 100	4 900	4 600	42,0
44,0	32,6	28,8	4 700	4 500	4 300	4 100	44,0
46,0	28,0	25,3	4 200	4 000	3 800	3 600	46,0
48,0	22,4	20,8	3 600	3 500	3 300	3 200	48,0

MLC200 S-1

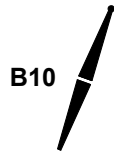


51 980 kg
+
0 kg



m 	° 	m 	0° kg 	1° kg 	2° kg 	3° kg 	m
8,5	83,1	55,0	79 500				8,5
9,0	82,6	54,9	72 900				9,0
9,5	82,1	54,8	66 900				9,5
10,0	81,5	54,8	61 600	53 100			10,0
10,5	81,0	54,7	57 200	49 700			10,5
11,0	80,4	54,6	53 100	46 500	41 100		11,0
12,0	79,3	54,4	46 600	41 200	36 800	33 000	12,0
13,0	78,2	54,2	41 200	36 800	33 100	29 900	13,0
14,0	77,1	53,9	36 800	33 200	30 000	27 300	14,0
15,0	76,0	53,7	33 200	30 100	27 400	25 000	15,0
16,0	74,9	53,4	30 200	27 500	25 200	23 100	16,0
18,0	72,6	52,8	25 200	23 200	21 300	19 700	18,0
20,0	70,3	52,1	21 400	19 800	18 300	17 000	20,0
22,0	68,0	51,3	18 400	17 100	15 900	14 800	22,0
24,0	65,7	50,4	16 000	14 900	13 900	13 000	24,0
26,0	63,2	49,4	13 900	13 100	12 200	11 500	26,0
28,0	60,8	48,4	12 300	11 500	10 800	10 100	28,0
30,0	58,2	47,1	10 800	10 200	9 600	9 000	30,0
32,0	55,6	45,8	9 500	9 000	8 500	8 000	32,0
34,0	53,0	44,3	8 500	8 000	7 500	7 100	34,0
36,0	50,2	42,7	7 500	7 100	6 700	6 300	36,0
38,0	47,3	40,9	6 600	6 300	5 900	5 600	38,0
40,0	44,2	38,9	5 900	5 600	5 300	5 000	40,0
42,0	41,0	36,7	5 200	4 900	4 600	4 400	42,0
44,0	37,5	34,1	4 600	4 300	4 100	3 900	44,0
46,0	33,7	31,3	4 000	3 800	3 600	3 400	46,0
48,0	29,5	27,9	3 500	3 300	3 100	2 900	48,0
50,0	24,6	23,9	3 000	2 800	2 700	2 500	50,0
52,0	18,5	18,6	2 500	2 400	2 300	2 100	52,0

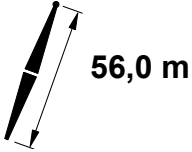



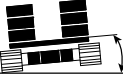
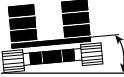
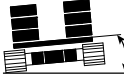


MLC200 S-1



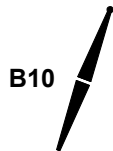


 51 980 kg
 +
 0 kg



 56,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
8,8	83,2	58,0	75 000				8,8
9,0	83,0	57,9	72 900				9,0
9,5	82,5	57,9	66 800				9,5
10,0	82,0	57,8	61 600				10,0
10,5	81,5	57,7	57 100	49 200			10,5
11,0	81,0	57,6	53 100	46 100	40 600		11,0
12,0	79,9	57,4	46 500	40 800	36 200		12,0
13,0	78,9	57,2	41 100	36 500	32 700	29 400	13,0
14,0	77,8	57,0	36 700	32 900	29 600	26 800	14,0
15,0	76,8	56,8	33 100	29 800	27 000	24 600	15,0
16,0	75,7	56,5	30 100	27 300	24 800	22 700	16,0
18,0	73,6	55,9	25 100	23 000	21 100	19 400	18,0
20,0	71,4	55,3	21 300	19 600	18 100	16 700	20,0
22,0	69,3	54,5	18 300	17 000	15 700	14 600	22,0
24,0	67,0	53,7	15 900	14 800	13 700	12 800	24,0
26,0	64,8	52,8	13 800	12 900	12 000	11 200	26,0
28,0	62,5	51,8	12 200	11 400	10 600	9 900	28,0
30,0	60,1	50,6	10 700	10 000	9 400	8 800	30,0
32,0	57,7	49,4	9 400	8 900	8 300	7 800	32,0
34,0	55,3	48,0	8 400	7 900	7 400	6 900	34,0
36,0	52,7	46,6	7 400	7 000	6 500	6 100	36,0
38,0	50,1	44,9	6 500	6 200	5 800	5 400	38,0
40,0	47,3	43,1	5 800	5 400	5 100	4 800	40,0
42,0	44,4	41,1	5 100	4 800	4 500	4 200	42,0
44,0	41,4	38,9	4 500	4 200	4 000	3 700	44,0
46,0	38,1	36,5	3 900	3 700	3 400	3 200	46,0
48,0	34,6	33,7	3 400	3 200	3 000	2 800	48,0
50,0	30,7	30,5	2 900	2 700	2 600	2 400	50,0
52,0	26,4	26,7	2 500	2 300	2 200	2 000	52,0
54,0	21,1	22,0	2 000				54,0

MLC200 S-1

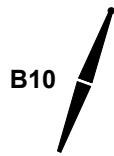


51 980 kg
+
0 kg



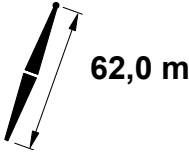



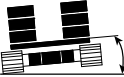
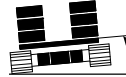
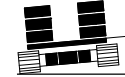
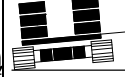

 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
9,4	83,0	60,9	67 300				9,4
9,5	82,9	60,9	66 700				9,5
10,0	82,4	60,8	61 500				10,0
10,5	81,9	60,8	57 000				10,5
11,0	81,4	60,7	53 000	45 700			11,0
12,0	80,4	60,5	46 400	40 500	35 700		12,0
13,0	79,5	60,3	41 000	36 200	32 200	28 800	13,0
14,0	78,5	60,1	36 600	32 600	29 200	26 300	14,0
15,0	77,5	59,9	33 000	29 500	26 600	24 100	15,0
16,0	76,5	59,6	30 000	27 000	24 400	22 200	16,0
18,0	74,5	59,1	25 000	22 700	20 700	18 900	18,0
20,0	72,4	58,5	21 100	19 400	17 800	16 300	20,0
22,0	70,4	57,8	18 100	16 700	15 400	14 200	22,0
24,0	68,3	57,0	15 700	14 500	13 400	12 400	24,0
26,0	66,2	56,1	13 700	12 700	11 800	10 900	26,0
28,0	64,0	55,2	12 000	11 100	10 400	9 600	28,0
30,0	61,8	54,1	10 500	9 800	9 100	8 500	30,0
32,0	59,6	53,0	9 300	8 600	8 100	7 500	32,0
34,0	57,3	51,7	8 200	7 600	7 100	6 600	34,0
36,0	54,9	50,3	7 200	6 700	6 300	5 900	36,0
38,0	52,5	48,8	6 400	5 900	5 500	5 200	38,0
40,0	50,0	47,2	5 600	5 200	4 900	4 500	40,0
42,0	47,4	45,4	4 900	4 600	4 300	4 000	42,0
44,0	44,6	43,4	4 300	4 000	3 700	3 400	44,0
46,0	41,8	41,2	3 700	3 500	3 200	3 000	46,0
48,0	38,7	38,8	3 200	3 000	2 800	2 500	48,0
50,0	35,4	36,1	2 700	2 500	2 300	2 100	50,0
52,0	31,9	33,0	2 300	2 100			52,0

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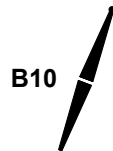



51 980 kg
 +
0 kg



							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
9,8	83,0	63,9	63 800				9,8
10,0	82,8	63,8	61 400				10,0
10,5	82,3	63,8	56 900				10,5
11,0	81,8	63,7	52 900	45 400			11,0
12,0	80,9	63,5	46 200	40 100			12,0
13,0	80,0	63,4	40 900	35 800	31 700		13,0
14,0	79,0	63,2	36 500	32 300	28 700	25 700	14,0
15,0	78,1	62,9	32 900	29 300	26 200	23 600	15,0
16,0	77,1	62,7	29 900	26 700	24 100	21 800	16,0
18,0	75,2	62,2	24 800	22 500	20 400	18 600	18,0
20,0	73,3	61,6	21 000	19 100	17 500	16 000	20,0
22,0	71,3	61,0	18 000	16 500	15 100	13 900	22,0
24,0	69,4	60,2	15 500	14 300	13 200	12 100	24,0
26,0	67,4	59,4	13 500	12 500	11 500	10 600	26,0
28,0	65,4	58,5	11 800	10 900	10 100	9 400	28,0
30,0	63,3	57,5	10 400	9 600	8 900	8 300	30,0
32,0	61,2	56,4	9 100	8 400	7 800	7 300	32,0
34,0	59,0	55,2	8 000	7 400	6 900	6 400	34,0
36,0	56,8	54,0	7 000	6 600	6 100	5 600	36,0
38,0	54,6	52,6	6 200	5 800	5 300	4 900	38,0
40,0	52,3	51,0	5 400	5 000	4 700	4 300	40,0
42,0	49,9	49,4	4 700	4 400	4 100	3 700	42,0
44,0	47,4	47,6	4 100	3 800	3 500	3 200	44,0
46,0	44,8	45,6	3 600	3 300	3 000	2 800	46,0
48,0	42,1	43,5	3 000	2 800	2 600	2 300	48,0
50,0	39,2	41,1	2 600	2 300	2 100	1 900	50,0
52,0	36,1	38,4	2 100				52,0

MLC200 S-1

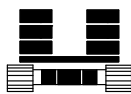
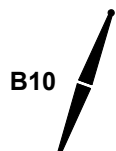


51 980 kg
+
0 kg



 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
10,1	83,1	66,9	60 700				10,1
10,5	82,7	66,8	56 800				10,5
11,0	82,2	66,8	52 800				11,0
12,0	81,3	66,6	46 100	39 700			12,0
13,0	80,4	66,4	40 800	35 500	31 200		13,0
14,0	79,5	66,2	36 300	31 900	28 300	25 200	14,0
15,0	78,6	66,0	32 700	28 900	25 800	23 100	15,0
16,0	77,7	65,8	29 700	26 400	23 700	21 300	16,0
18,0	75,9	65,3	24 700	22 200	20 000	18 100	18,0
20,0	74,1	64,8	20 800	18 900	17 100	15 600	20,0
22,0	72,2	64,1	17 800	16 200	14 800	13 600	22,0
24,0	70,4	63,4	15 400	14 100	12 900	11 800	24,0
26,0	68,5	62,7	13 300	12 200	11 200	10 300	26,0
28,0	66,6	61,8	11 600	10 700	9 800	9 100	28,0
30,0	64,6	60,9	10 200	9 400	8 600	8 000	30,0
32,0	62,7	59,9	8 900	8 200	7 600	7 000	32,0
34,0	60,6	58,8	7 800	7 200	6 700	6 100	34,0
36,0	58,6	57,6	6 800	6 300	5 800	5 400	36,0
38,0	56,5	56,3	6 000	5 500	5 100	4 700	38,0
40,0	54,3	54,8	5 200	4 800	4 400	4 000	40,0
42,0	52,1	53,3	4 500	4 200	3 800	3 500	42,0
44,0	49,8	51,7	3 900	3 600	3 300	3 000	44,0
46,0	47,4	49,9	3 400	3 100	2 800	2 500	46,0
48,0	45,0	47,9	2 800	2 600	2 300	2 100	48,0
50,0	42,4	45,8	2 400	2 100	1 900		50,0

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51 980 kg
+
0 kg



 68,0 m			
 m	 °	 m	 0° kg
10,4	83,1	69,9	57 800
10,5	83,0	69,8	56 600
11,0	82,6	69,8	52 600
12,0	81,7	69,6	46 000
13,0	80,9	69,5	40 600
14,0	80,0	69,3	36 200
15,0	79,1	69,1	32 500
16,0	78,3	68,9	29 500
18,0	76,6	68,4	24 500
20,0	74,8	67,9	20 600
22,0	73,1	67,3	17 600
24,0	71,3	66,6	15 200
26,0	69,5	65,9	13 100
28,0	67,7	65,1	11 400
30,0	65,8	64,2	10 000
32,0	64,0	63,2	8 700
34,0	62,1	62,2	7 600
36,0	60,1	61,0	6 700
38,0	58,1	59,8	5 800
40,0	56,1	58,5	5 000
42,0	54,1	57,1	4 400
44,0	51,9	55,5	3 700
46,0	49,7	53,9	3 200
48,0	47,5	52,1	2 700
50,0	45,1	50,1	2 200