


Liftcrane Boom Capacities

Boom No. B10:350
50 120 kg Crane Counterweight
15 880 kg Carbody Counterweight
360 Degree Rating

MLC150-1 SERIES 2


 **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 3 is 9 070 kg or 18 140 kg with two part whip line. When Drum 1 or Drum 2 is used, capacity with single part whip line is 13 430 kg or 26 860 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.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Refer to Boom Rigging **No. 80117858**, Wire Rope Specifications chart **No. 9834-A**, Counterweight Arrangements chart **No. 9828-A**, and Wind Conditions chart **No. 9833-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. 9832-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 7 980 mm crawlers, 1 200 mm treads, 5 300 mm gantry, load drums 1 and 2, 10 part boom hoist reeving, boom straps, 50 120 kg crane counterweight, and 15 880 kg carbody counterweight.

Consult chart **No. 9836-AM** when Jib No. 134 is attached.

Upper Boom Point Deduct	
Deduct 550 kg from capacities when upper boom point is attached. Deduct does not apply to 15,0 m boom length.	

Third Line Deduct	
Deduct 190 kg from capacities when boom top is equipped with optional 3rd sheave wire rope guide.	

Deduct From Capacities When Jib No. 134 Is Attached			
Jib Length (m)	Jib Offset Angle		
	5°	15°	25°
	Deduct (kg)		
9.1	2 275	2 425	2 725
12.2	2 600	2 950	3 500
15.2	2 950	3 550	4 325
18.3	3 375	4 100	5 150
21.3	3 675	4 600	5 725
24.4	4 050	5 100	6 400

Weight of jib and 900 kg suspended beneath jib point have been included in determination of deduct.

Refer to Table 1 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

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

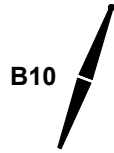
Table 1

Boom Length (m)	Over End or Side of Crawlers	Over End of Blocked Crawlers
	Block Weight (kg)	
15,0 - 57,0	3 475	3 475
60,0	2 850	3 475
63,0	2 125	2 200
66,0	900	900
69,0	800	900
72,0	#	900
75,0		800
78,0		#

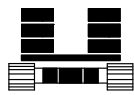
Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. *Crane tipping or structural damage can occur.*

REFERENCE ONLY!

Explanation of Symbols



Boom No. B10:350



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)



Lifting Capacities
(see page 1)

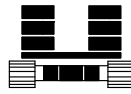
REFERENCE ONLY!

MLC150-1 S-2

ASME B30.5



B10



50 120 kg
+
15 880 kg



15,0 m

m	o	m	kg
4,3	80,4	16,8	150 000
4,5	79,5	16,8	144 000
5,0	77,5	16,7	130 100
5,5	75,5	16,5	118 200
6,0	73,5	16,4	108 400
6,5	71,5	16,2	100 200
7,0	69,5	16,0	93 000
8,0	65,3	15,5	81 300
9,0	60,9	15,0	71 700
10,0	56,3	14,3	61 700
11,0	51,4	13,5	53 600
12,0	46,2	12,6	47 500
13,0	40,4	11,4	42 400
14,0	33,7	10,0	38 300
14,9	26,1	8,2	35 000

18,0 m

m	o	m	kg
4,9	80,1	19,8	133 200
5,0	79,7	19,8	130 100
5,5	78,0	19,6	118 200
6,0	76,4	19,5	108 400
6,5	74,7	19,4	100 200
7,0	73,1	19,2	93 000
8,0	69,7	18,8	81 300
9,0	66,2	18,4	72 000
10,0	62,6	17,9	62 100
11,0	58,9	17,3	54 000
12,0	55,0	16,6	47 800
13,0	50,9	15,8	42 800
14,0	46,6	14,8	38 700
15,0	41,9	13,7	35 200
16,0	36,7	12,4	32 400
17,0	30,6	10,8	29 800
17,7	25,8	9,5	28 300

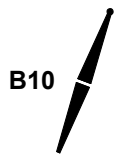
21,0 m

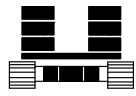
m	o	m	kg
5,5	79,8	22,7	118 400
6,0	78,4	22,6	108 400
6,5	77,0	22,5	100 200
7,0	75,5	22,3	93 000
8,0	72,7	22,0	81 300
9,0	69,8	21,6	72 100
10,0	66,8	21,2	62 100
11,0	63,8	20,7	54 100
12,0	60,6	20,2	47 900
13,0	57,4	19,5	42 800
14,0	54,0	18,8	38 700
15,0	50,5	18,0	35 300
16,0	46,8	17,1	32 400
17,0	42,8	16,0	29 800
18,0	38,5	14,8	27 700
19,0	33,7	13,3	25 800
20,0	28,1	11,5	24 000
20,4	25,4	10,7	23 300

REFERENCE ONLY


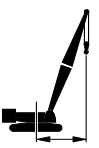

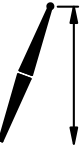

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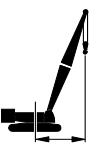



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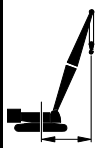

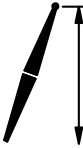



 50 120 kg
+
15,880 kg



 24,0 m			
 m	 °	 m	 kg
5,8	80,4	25,7	112 200
6,0	79,8	25,6	108 400
6,5	78,6	25,5	100 200
7,0	77,4	25,4	93 000
8,0	74,9	25,1	81 300
9,0	72,4	24,8	72 000
10,0	69,9	24,5	62 100
11,0	67,3	24,0	54 000
12,0	64,6	23,6	47 800
13,0	61,9	23,0	42 800
14,0	59,1	22,4	38 600
15,0	56,3	21,8	35 200
16,0	53,3	21,0	32 400
17,0	50,2	20,2	29 800
18,0	47,0	19,3	27 600
19,0	43,5	18,2	25 700
20,0	39,8	17,1	23 900
22,0	31,3	14,1	21 100
23,2	25,2	11,8	19 600

 27,0 m			
 m	 °	 m	 kg
6,4	80,1	28,6	101 500
6,5	79,9	28,6	100 000
7,0	78,8	28,5	93 000
8,0	76,6	28,3	81 300
9,0	74,4	28,0	72 000
10,0	72,2	27,7	62 000
11,0	70,0	27,3	54 000
12,0	67,7	26,9	47 800
13,0	65,3	26,4	42 700
14,0	62,9	25,9	38 600
15,0	60,5	25,4	35 100
16,0	58,0	24,7	32 300
17,0	55,4	24,1	29 700
18,0	52,8	23,3	27 500
19,0	50,0	22,5	25 600
20,0	47,1	21,5	23 900
22,0	40,9	19,4	21 000
24,0	33,7	16,6	18 700
25,9	25,1	13,1	16 800

 30,0 m			
 m	 °	 m	 kg
7,0	79,9	31,6	92 700
8,0	78,0	31,4	81 300
9,0	76,0	31,1	72 000
10,0	74,0	30,8	62 000
11,0	72,0	30,5	53 900
12,0	70,0	30,1	47 700
13,0	67,9	29,7	42 600
14,0	65,8	29,3	38 500
15,0	63,7	28,8	35 000
16,0	61,5	28,2	32 200
17,0	59,3	27,6	29 600
18,0	57,0	27,0	27 400
19,0	54,7	26,3	25 500
20,0	52,3	25,5	23 800
22,0	47,2	23,8	20 900
24,0	41,6	21,6	18 600
26,0	35,4	19,0	16 600
28,0	27,8	15,6	15 000
28,4	26,3	14,9	14 700

REFERENCED

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ASME B30.5



B10



50 120 kg
+
15 880 kg



33,0 m			
m	o	m	kg
7,3	80,3	34,6	88 800
8,0	79,1	34,4	81 300
9,0	77,3	34,2	71 900
10,0	75,5	34,0	61 900
11,0	73,7	33,7	53 800
12,0	71,9	33,3	47 600
13,0	70,1	33,0	42 600
14,0	68,2	32,6	38 400
15,0	66,3	32,1	35 000
16,0	64,4	31,7	32 100
17,0	62,4	31,1	29 600
18,0	60,4	30,6	27 400
19,0	58,4	30,0	25 500
20,0	56,3	29,3	23 700
22,0	52,0	27,8	20 900
24,0	47,3	26,0	18 500
26,0	42,3	23,9	16 600
28,0	36,8	21,4	15 000
30,0	30,3	18,3	13 600
31,1	26,2	16,2	12 900

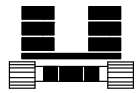
36,0 m			
m	o	m	kg
7,9	80,2	37,5	82 000
8,0	80,0	37,5	81 300
9,0	78,4	37,3	71 900
10,0	76,8	37,0	61 900
11,0	75,1	36,8	53 800
12,0	73,5	36,5	47 500
13,0	71,8	36,2	42 500
14,0	70,1	35,8	38 300
15,0	68,4	35,4	34 900
16,0	66,6	35,0	32 000
17,0	64,9	34,5	29 400
18,0	63,1	34,0	27 200
19,0	61,3	33,4	25 300
20,0	59,4	32,8	23 600
22,0	55,6	31,5	20 700
24,0	51,6	30,0	18 400
26,0	47,4	28,2	16 400
28,0	42,8	26,2	14 800
30,0	37,8	23,8	13 400
32,0	32,1	20,8	12 200
33,8	25,9	17,4	11 200

39,0 m			
m	o	m	kg
8,2	80,5	40,5	77 700
9,0	79,3	40,4	71 800
10,0	77,8	40,2	61 800
11,0	76,3	39,9	53 700
12,0	74,8	39,6	47 400
13,0	73,2	39,3	42 400
14,0	71,7	39,0	38 200
15,0	70,1	38,6	34 800
16,0	68,6	38,2	31 900
17,0	67,0	37,8	29 300
18,0	65,3	37,4	27 100
19,0	63,7	36,9	25 200
20,0	62,0	36,3	23 500
22,0	58,6	35,2	20 600
24,0	55,1	33,8	18 300
26,0	51,4	32,3	16 300
28,0	47,5	30,5	14 700
30,0	43,3	28,5	13 300
32,0	38,7	26,1	12 100
34,0	33,7	23,3	11 000
36,0	27,8	19,8	10 100
36,6	25,8	18,6	9 900


MLC150-1 S-2

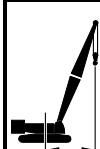

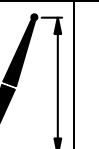

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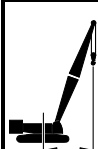

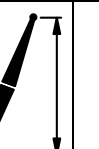

 50 120 kg
+
15,880 kg






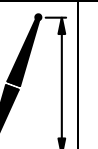

 **42,0 m**

 m	 °	 m	 kg
8,8	80,3	43,4	72 000
9,0	80,1	43,4	71 200
10,0	78,7	43,2	61 700
11,0	77,3	43,0	53 600
12,0	75,9	42,7	47 300
13,0	74,5	42,5	42 300
14,0	73,0	42,1	38 100
15,0	71,6	41,8	34 600
16,0	70,2	41,5	31 800
17,0	68,7	41,1	29 200
18,0	67,2	40,6	27 000
19,0	65,7	40,2	25 100
20,0	64,2	39,7	23 300
22,0	61,1	38,6	20 500
24,0	57,9	37,4	18 100
26,0	54,6	36,0	16 200
28,0	51,1	34,5	14 500
30,0	47,5	32,7	13 200
32,0	43,6	30,7	11 900
34,0	39,5	28,4	10 900
36,0	34,9	25,7	10 000
38,0	29,6	22,4	9 100
39,3	25,7	19,8	8 600

 **45,0 m**

 m	 °	 m	 kg
9,4	80,2	46,4	66 000
10,0	79,5	46,3	61 600
11,0	78,2	46,0	53 500
12,0	76,8	45,8	47 200
13,0	75,5	45,6	42 200
14,0	74,2	45,3	38 000
15,0	72,9	45,0	34 500
16,0	71,5	44,6	31 700
17,0	70,2	44,3	29 100
18,0	68,8	43,9	26 900
19,0	67,4	43,5	25 000
20,0	66,0	43,0	23 200
22,0	63,2	42,0	20 400
24,0	60,3	40,9	18 000
26,0	57,3	39,7	16 100
28,0	54,2	38,3	14 500
30,0	50,9	36,7	13 100
32,0	47,5	34,9	11 800
34,0	43,9	32,9	10 800
36,0	40,1	30,7	9 900
38,0	35,9	28,0	9 100
40,0	31,2	24,9	8 300
42,0	25,7	21,1	7 700
42,1	25,5	21,0	7 600

 **48,0 m**

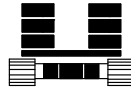
 m	 °	 m	 kg
9,8	80,4	49,4	61 700
10,0	80,1	49,3	60 300
11,0	78,9	49,1	53 400
12,0	77,7	48,9	47 100
13,0	76,5	48,7	42 100
14,0	75,2	48,4	37 900
15,0	74,0	48,1	34 400
16,0	72,7	47,8	31 600
17,0	71,5	47,5	29 000
18,0	70,2	47,1	26 800
19,0	68,9	46,7	24 800
20,0	67,6	46,3	23 100
22,0	65,0	45,4	20 200
24,0	62,3	44,4	17 900
26,0	59,6	43,3	15 900
28,0	56,8	42,0	14 300
30,0	53,8	40,6	12 900
32,0	50,8	39,0	11 700
34,0	47,6	37,2	10 600
36,0	44,2	35,2	9 700
38,0	40,7	33,0	8 900
40,0	36,8	30,4	8 200
42,0	32,5	27,5	7 500
44,0	27,7	23,9	6 900
44,8	25,5	22,3	6 700

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ASME B30.5



B10



50 120 kg
+
15 880 kg



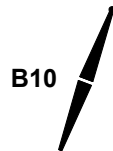
51,0 m			
m	o	m	kg
10,4	80,3	52,3	56 400
11,0	79,6	52,2	53 300
12,0	78,4	52,0	47 000
13,0	77,3	51,7	41 900
14,0	76,1	51,5	37 700
15,0	74,9	51,2	34 300
16,0	73,8	50,9	31 400
17,0	72,6	50,6	28 800
18,0	71,4	50,3	26 600
19,0	70,2	49,9	24 700
20,0	69,0	49,5	23 000
22,0	66,6	48,7	20 100
24,0	64,1	47,8	17 700
26,0	61,6	46,7	15 800
28,0	58,9	45,5	14 200
30,0	56,3	44,2	12 800
32,0	53,5	42,8	11 500
34,0	50,6	41,2	10 500
36,0	47,6	39,4	9 600
38,0	44,5	37,5	8 800
40,0	41,1	35,2	8 000
42,0	37,5	32,8	7 400
44,0	33,6	29,9	6 800
46,0	29,2	26,5	6 200
47,6	25,3	23,4	5 800

54,0 m			
m	o	m	kg
11,0	80,2	55,2	51 400
12,0	79,1	55,1	46 900
13,0	78,0	54,8	41 800
14,0	76,9	54,6	37 600
15,0	75,8	54,4	34 200
16,0	74,7	54,1	31 300
17,0	73,6	53,8	28 700
18,0	72,5	53,5	26 500
19,0	71,4	53,1	24 600
20,0	70,2	52,8	22 800
22,0	68,0	52,0	19 900
24,0	65,6	51,1	17 600
26,0	63,3	50,1	15 600
28,0	60,9	49,0	14 000
30,0	58,4	47,8	12 600
32,0	55,8	46,5	11 400
34,0	53,2	45,1	10 300
36,0	50,5	43,5	9 400
38,0	47,7	41,7	8 600
40,0	44,7	39,7	7 900
42,0	41,6	37,5	7 200
44,0	38,2	35,1	6 600
46,0	34,6	32,3	6 100
48,0	30,6	29,1	5 600
50,0	26,0	25,3	5 100
50,3	25,3	24,7	5 000

57,0 m			
m	o	m	kg
11,3	80,4	58,2	47 800
12,0	79,7	58,1	46 200
13,0	78,6	57,9	41 700
14,0	77,6	57,7	37 500
15,0	76,6	57,4	34 000
16,0	75,5	57,2	31 200
17,0	74,5	56,9	28 600
18,0	73,4	56,6	26 400
19,0	72,4	56,3	24 400
20,0	71,3	56,0	22 700
22,0	69,2	55,2	19 800
24,0	67,0	54,4	17 500
26,0	64,8	53,5	15 500
28,0	62,5	52,5	13 900
30,0	60,2	51,3	12 500
32,0	57,9	50,1	11 300
34,0	55,5	48,8	10 200
36,0	53,0	47,3	9 300
38,0	50,4	45,7	8 500
40,0	47,7	43,9	7 700
42,0	44,9	42,0	7 100
44,0	41,9	39,8	6 500
46,0	38,8	37,4	5 900
48,0	35,4	34,7	5 400
50,0	31,7	31,6	5 000
52,0	27,6	28,0	4 600
53,0	25,2	25,9	4 400

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 50 120 kg
+
15,880 kg



60,0 m

				kg
11,9	80,3	61,2		43 900
12,0	80,2	61,2		43 700
13,0	79,2	61,0		41 600
14,0	78,2	60,8		37 400
15,0	77,3	60,5		33 900
16,0	76,3	60,3		31 000
17,0	75,3	60,0		28 400
18,0	74,3	59,8		26 200
19,0	73,3	59,5		24 300
20,0	72,3	59,1		22 500
22,0	70,3	58,4		19 700
24,0	68,2	57,7		17 300
26,0	66,1	56,8		15 300
28,0	64,0	55,8		13 700
30,0	61,9	54,8		12 300
32,0	59,7	53,7		11 100
34,0	57,4	52,4		10 100
36,0	55,1	51,0		9 100
38,0	52,7	49,6		8 300
40,0	50,3	47,9		7 600
42,0	47,7	46,2		6 900
44,0	45,1	44,2		6 300
46,0	42,3	42,1		5 800
48,0	39,3	39,7		5 300
50,0	36,2	37,1		4 800
52,0	32,7	34,1		4 400
54,0	29,0	30,7		4 000
55,8	25,2	27,1		3 700

63,0 m

				kg
12,2	80,5	64,2		38 800
13,0	79,7	64,0		38 200
14,0	78,8	63,8		37 200
15,0	77,9	63,6		33 800
16,0	76,9	63,4		30 900
17,0	76,0	63,1		28 300
18,0	75,1	62,9		26 100
19,0	74,1	62,6		24 200
20,0	73,2	62,3		22 400
22,0	71,2	61,6		19 500
24,0	69,3	60,9		17 200
26,0	67,3	60,1		15 200
28,0	65,4	59,2		13 600
30,0	63,3	58,2		12 200
32,0	61,3	57,1		11 000
34,0	59,2	55,9		9 900
36,0	57,0	54,7		9 000
38,0	54,8	53,3		8 200
40,0	52,5	51,8		7 400
42,0	50,2	50,2		6 800
44,0	47,7	48,4		6 200
46,0	45,2	46,5		5 600
48,0	42,6	44,3		5 100
50,0	39,8	42,0		4 700
52,0	36,8	39,4		4 300
54,0	33,6	36,5		3 900
56,0	30,1	33,3		3 500
58,0	26,2	29,4		3 200
58,5	25,1	28,3		3 100

66,0 m

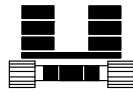
				kg
12,8	80,4	67,1		34 400
13,0	80,2	67,1		34 300
14,0	79,3	66,9		33 600
15,0	78,4	66,7		33 000
16,0	77,5	66,4		30 800
17,0	76,6	66,2		28 100
18,0	75,8	66,0		25 900
19,0	74,9	65,7		24 000
20,0	73,9	65,4		22 300
22,0	72,1	64,8		19 400
24,0	70,3	64,1		17 000
26,0	68,4	63,3		15 000
28,0	66,5	62,4		13 400
30,0	64,6	61,5		12 000
32,0	62,7	60,5		10 800
34,0	60,7	59,4		9 700
36,0	58,7	58,2		8 800
38,0	56,6	56,9		8 000
40,0	54,5	55,5		7 300
42,0	52,3	54,0		6 600
44,0	50,1	52,4		6 000
46,0	47,7	50,6		5 500
48,0	45,3	48,7		5 000
50,0	42,8	46,6		4 500
52,0	40,2	44,3		4 100
54,0	37,4	41,7		3 700
56,0	34,4	38,9		3 300
58,0	31,1	35,8		3 000
60,0	27,5	32,1		2 700
61,3	25,0	29,5		2 500

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B10



50 120 kg
+
15 880 kg



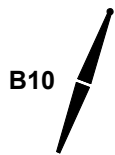
69,0 m			
m	o	m	kg
13,4	80,3	70,0	32 200
14,0	79,8	69,9	31 900
15,0	78,9	69,8	31 400
16,0	78,1	69,5	29 900
17,0	77,2	69,3	28 000
18,0	76,4	69,1	25 800
19,0	75,5	68,8	23 900
20,0	74,7	68,5	22 100
22,0	72,9	67,9	19 200
24,0	71,2	67,3	16 900
26,0	69,4	66,5	14 900
28,0	67,6	65,7	13 300
30,0	65,8	64,9	11 900
32,0	64,0	63,9	10 600
34,0	62,1	62,9	9 600
36,0	60,2	61,7	8 700
38,0	58,3	60,5	7 800
40,0	56,3	59,2	7 100
42,0	54,2	57,8	6 500
44,0	52,2	56,3	5 900
46,0	50,0	54,6	5 300
48,0	47,8	52,9	4 800
50,0	45,5	50,9	4 400
52,0	43,1	48,9	3 900
54,0	40,6	46,6	3 600
56,0	37,9	44,1	3 200
58,0	35,1	41,4	2 900
60,0	32,1	38,3	2 600
62,0	28,7	34,8	2 300
63,7	25,6	31,4	2 000

72,0 m			
m	o	m	kg
13,7	80,4	73,0	29 000
14,0	80,2	73,0	28 900
15,0	79,4	72,8	28 500
16,0	78,6	72,6	28 000
17,0	77,8	72,4	27 300
18,0	77,0	72,1	25 500
19,0	76,1	71,9	23 700
20,0	75,3	71,6	21 900
22,0	73,7	71,1	19 000
24,0	72,0	70,4	16 700
26,0	70,3	69,7	14 700
28,0	68,6	69,0	13 100
30,0	66,9	68,1	11 700
32,0	65,1	67,2	10 400
34,0	63,4	66,2	9 400
36,0	61,6	65,2	8 500
38,0	59,7	64,0	7 600
40,0	57,9	62,8	6 900
42,0	55,9	61,5	6 200
44,0	54,0	60,0	5 600
46,0	52,0	58,5	5 100
48,0	49,9	56,9	4 600
50,0	47,8	55,1	4 100
52,0	45,6	53,2	3 700
54,0	43,3	51,1	3 300
56,0	40,9	48,8	3 000
58,0	38,4	46,4	2 700
60,0	35,7	43,7	2 300
62,0	32,9	40,7	2 100
64,0	29,7	37,4	1 700
66,0	26,3	33,5	1 400
66,5	25,5	32,6	1 300

75,0 m			
m	o	m	kg
14,3	80,4	76,0	25 700
15,0	79,8	75,9	25 400
16,0	79,1	75,7	25 000
17,0	78,3	75,5	24 600
18,0	77,5	75,2	24 200
19,0	76,7	75,0	23 200
20,0	75,9	74,8	21 800
22,0	74,3	74,2	18 900
24,0	72,7	73,6	16 500
26,0	71,1	72,9	14 600
28,0	69,5	72,2	12 900
30,0	67,9	71,4	11 500
32,0	66,2	70,5	10 300
34,0	64,5	69,6	9 300
36,0	62,8	68,6	8 300
38,0	61,1	67,5	7 500
40,0	59,3	66,3	6 800
42,0	57,5	65,1	6 100
44,0	55,7	63,8	5 500
46,0	53,8	62,3	5 000
48,0	51,8	60,8	4 500
50,0	49,9	59,1	4 000
52,0	47,8	57,3	3 600
54,0	45,7	55,4	3 200
56,0	43,5	53,4	2 900
58,0	41,2	51,2	2 500
60,0	38,8	48,7	2 200
62,0	36,3	46,1	1 900
64,0	33,6	43,2	1 600
65,5	31,4	40,7	1 300

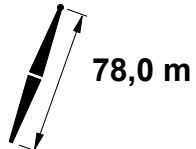
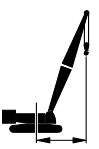

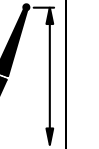

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 50 120 kg
+
15,880 kg



			
 m	 °	 m	 kg
14,9	80,3	78,9	23 100
15,0	80,2	78,9	23 100
16,0	79,5	78,7	22 800
17,0	78,7	78,5	22 400
18,0	78,0	78,3	22 100
19,0	77,2	78,1	21 700
20,0	76,5	77,8	21 200
22,0	75,0	77,3	18 700
24,0	73,4	76,7	16 300
26,0	71,9	76,1	14 400
28,0	70,3	75,4	12 700
30,0	68,8	74,6	11 300
32,0	67,2	73,8	10 100
34,0	65,6	72,9	9 100
36,0	63,9	71,9	8 100
38,0	62,3	70,9	7 300
40,0	60,6	69,8	6 600
42,0	58,9	68,6	5 900
44,0	57,1	67,4	5 300
46,0	55,4	66,0	4 800
48,0	53,6	64,5	4 300
50,0	51,7	63,0	3 800
52,0	49,8	61,3	3 400
54,0	47,8	59,6	3 000
56,0	45,8	57,7	2 600
58,0	43,7	55,6	2 300
60,0	41,5	53,4	2 000
62,0	39,2	51,0	1 600
62,5	38,6	50,4	1 500

PREFERENCE ONLY!