

Liftcrane Boom Capacities

Boom No. 74A
56 000 kg Crane Counterweight
20 450 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

MLC165-1 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 may be based on percent of static tipping or strength of structural components.

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. 81023602**, Wire Rope Specification chart **No. 9408-A**, and Wind Conditions chart **No. 9407-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.



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

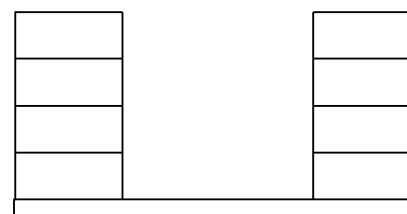


BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



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, boom support straps, 56 000 kg crane counterweight, and two 10 225 kg carbody counterweights.



56 000 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 is attached.
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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.

Auxiliary Drum Deduct

Deduct 900 kg from capacities when boom butt is equipped with auxiliary drum, and 6,0 m insert is equipped with wire rope guide sheaves.
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Third Line Deduct

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

REFERENCE ONLY!

Refer to **Tables 1 and 2** for raising ability with the maximum weight of all load blocks, hooks, weight balls, slings, and hoist lines beneath lower and/or upper boom point sheaves. For block weights shown with #, a, or b, load blocks, hooks, weight balls, and slings must remain on barge deck until combined weights are within rated capacity of chart. For block weights shown with (a), auxiliary drum mounted in boom butt, wire rope guide sheaves in 6,0 m insert, and boom lights must be removed. For block weights shown with (b), upper boom point must be removed. Raising is not permitted in shaded areas of table.

Caution: Combined weight beneath lower and/or upper boom point sheaves must not exceed block weight shown. Jib cannot be attached on crawler machine while operating on a barge.

Table 1

Raising Ability Over End or Side of Crawlers				
Boom Length (m)	Machine List			
	0°	1°	2°	3°
	Block Weight (kg)			
15,0 - 57,0	3 500	3 500	3 500	3 500
60,0	2 650	2 650	2 650	2 650
63,0	750	750	750	750
66,0	750	750	750	750
69,0	750	750	750	750
72,0	#	#	#	#
75,0	b	RAISING NOT PERMITTED		
78,0	a, b			
81,0				
84,0				

Table 2

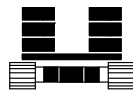
Raising Ability Over Front of Blocked Crawlers				
Boom Length (m)	Machine List			
	0°	1°	2°	3°
	Block Weight (kg)			
15,0 - 57,0	3 500	3 500	3 500	3 500
60,0	2 650	2 650	2 650	2 650
63,0	750	750	750	750
66,0	750	750	750	750
69,0	750	750	750	750
72,0	#	#	#	#
75,0	#	#	#	#
78,0	#	#	#	#
81,0	b	b	b	a, b
84,0	a, b	RAISING NOT PERMITTED		

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius and crane configuration is within 360 degree chart.

Explanation of Symbols



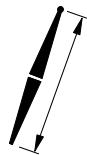
Boom No. 74A



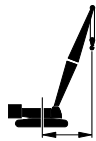
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



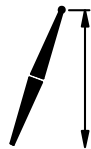
Boom Length



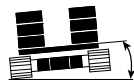
Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Machine List






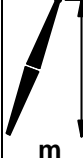
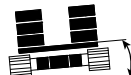
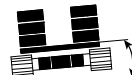
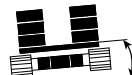
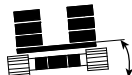

Lifting Capacities
(see page 1)

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56 000 kg
 +
20 450 kg

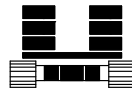


 15,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
4,3	81,7	16,8	165 000 d				4,3
4,5	80,8	16,7	163 100 d				4,5
5,0	78,8	16,6	149 700 d	136 400 d	101 600 d		5,0
5,5	76,8	16,5	136 800 d	123 700 d	100 000 d	77 100 d	5,5
6,0	74,9	16,3	126 000 c	113 200 c	91 500 c	77 000 c	6,0
7,0	70,8	16,0	108 800 c	96 800 c	78 000 c	68 300 c	7,0
8,0	66,6	15,5	94 700 b	84 300 b	67 800 b	59 200 b	8,0
9,0	62,3	15,0	78 800	74 400	59 900	52 200	9,0
10,0	57,8	14,4	67 300	64 400	53 500	46 600	10,0
11,0	53,0	13,6	58 400	56 300	48 300	42 000	11,0
12,0	47,8	12,7	51 600	50 000	44 000	38 100	12,0
13,0	42,1	11,6	46 100	44 800	40 300	34 900	13,0
14,0	35,7	10,2	41 500	40 500	37 100	32 000	14,0
15,0	27,8	8,4	37 700	36 900	34 400	29 600	15,0

REFERENCING


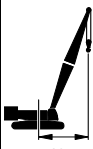


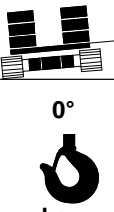
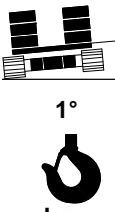
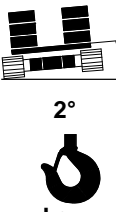
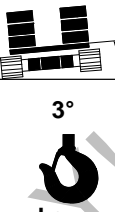

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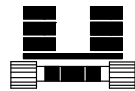
 56 000 kg
 +
 20 450 kg



 18,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
4,9	81,1	19,7	151 800 d				4,9
5,0	80,7	19,7	148 900 d				5,0
5,5	79,1	19,6	136 700 d	118 000 d	80 300 d		5,5
6,0	77,5	19,5	125 900 c	113 200 c	80 300 c	60 400 c	6,0
7,0	74,1	19,2	108 700 c	96 800 c	77 400 c	60 400 c	7,0
8,0	70,8	18,8	94 800 b	84 300 b	67 700 b	59 200 b	8,0
9,0	67,3	18,4	79 000	74 000	59 800	52 200	9,0
10,0	63,8	17,9	67 400	64 000	53 500	46 600	10,0
11,0	60,1	17,3	58 600	56 000	48 300	42 000	11,0
12,0	56,2	16,6	51 800	49 700	44 000	38 100	12,0
13,0	52,2	15,9	46 300	44 600	40 300	34 900	13,0
14,0	47,9	15,0	41 700	40 400	37 200	32 100	14,0
15,0	43,3	13,9	37 900	36 800	34 400	29 700	15,0
16,0	38,2	12,6	34 800	33 900	32 100	27 600	16,0
18,0	25,3	9,1	29 500	28 900	28 000	23 900	18,0





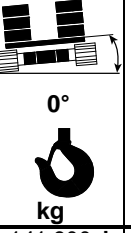
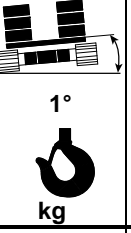
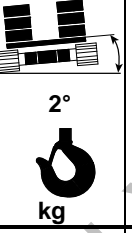
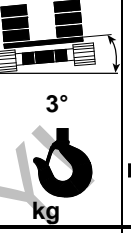

REFERENCE ONLY

MLC165-1 S-2



56 000 kg
+
20 450 kg



 21,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
5,2	81,6	22,7	141 900 d				5,2
5,5	80,7	22,7	136 400 c				5,5
6,0	79,3	22,5	125 600 c	111 300 c			6,0
7,0	76,5	22,3	108 400 c	96 600 c	75 400 c	57 900 c	7,0
8,0	73,6	22,0	94 500 b	84 100 b	67 500 b	57 500 b	8,0
9,0	70,7	21,6	78 800	73 400	59 600	51 900	9,0
10,0	67,8	21,2	67 200	63 300	53 300	46 300	10,0
11,0	64,7	20,7	58 400	55 400	48 100	41 700	11,0
12,0	61,6	20,2	51 600	49 200	43 800	37 900	12,0
13,0	58,4	19,6	46 100	44 200	40 100	34 700	13,0
14,0	55,1	18,9	41 500	40 000	37 000	31 900	14,0
15,0	51,6	18,1	37 800	36 500	34 300	29 500	15,0
16,0	47,9	17,2	34 700	33 600	31 900	27 400	16,0
18,0	39,8	15,0	29 400	28 600	27 800	23 800	18,0
20,0	29,7	11,9	25 400	24 800	24 300	20 900	20,0

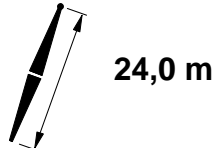
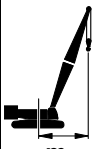


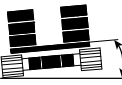
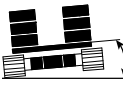
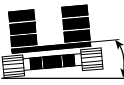
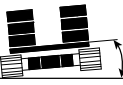

REFERENCE ONLY

MLC165-1 S-2




 56 000 kg
 +
 20 450 kg



								
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m	
5,8	81,2	25,6	129 700 c					5,8
6,0	80,6	25,6	125 400 c					6,0
7,0	78,2	25,4	108 200 b	96 500 b	74 900 b			7,0
8,0	75,7	25,1	94 400 b	84 000 b	67 400 b	57 000 b		8,0
9,0	73,2	24,8	78 900	72 900	59 500	51 800		9,0
10,0	70,7	24,5	67 300	62 800	53 200	46 200		10,0
11,0	68,1	24,0	58 400	55 000	48 000	41 600		11,0
12,0	65,5	23,6	51 600	48 900	43 700	37 800		12,0
13,0	62,8	23,1	46 100	43 900	40 100	34 600		13,0
14,0	60,0	22,5	41 600	39 700	36 900	31 800		14,0
15,0	57,2	21,8	37 800	36 300	34 200	29 400		15,0
16,0	54,2	21,1	34 700	33 400	31 900	27 300		16,0
18,0	47,9	19,4	29 500	28 500	27 600	23 800		18,0
20,0	40,9	17,2	25 400	24 700	24 100	20 900		20,0
22,0	32,6	14,4	22 300	21 800	21 300	18 600		22,0
24,0	21,4	10,2	19 700	19 300	18 900	16 600		24,0

REFERENCIA

MLC165-1 S-2



56 000 kg
 +
 20 450 kg



 27,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
6,1	81,5	28,6	123 400 c				6,1
7,0	79,5	28,5	108 100 b	96 400 b			7,0
8,0	77,4	28,2	94 400 b	83 900 b	67 400 b	54 800 b	8,0
9,0	75,2	28,0	78 900	72 300	59 500	51 800	9,0
10,0	72,9	27,7	67 300	62 400	53 200	46 200	10,0
11,0	70,7	27,3	58 500	54 600	48 000	41 600	11,0
12,0	68,4	26,9	51 700	48 600	43 700	37 800	12,0
13,0	66,1	26,4	46 200	43 700	40 000	34 500	13,0
14,0	63,7	25,9	41 600	39 500	36 900	31 800	14,0
15,0	61,3	25,4	37 800	36 100	34 200	29 400	15,0
16,0	58,8	24,8	34 700	33 200	31 700	27 300	16,0
18,0	53,6	23,4	29 500	28 400	27 400	23 800	18,0
20,0	48,0	21,7	25 500	24 700	23 900	20 900	20,0
22,0	41,8	19,5	22 400	21 700	21 100	18 600	22,0
24,0	34,7	16,9	19 800	19 300	18 800	16 700	24,0
26,0	26,0	13,2	17 600	17 200	16 900	15 000	26,0


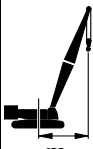


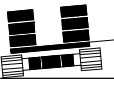
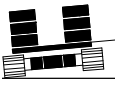
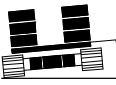
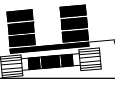

REFERENCED

MLC165-1 S-2




56 000 kg
+ 20 450 kg



 30,0 m								
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m	
6,7	81,2	31,6	112 400 b				6,7	
7,0	80,6	31,5	108 000 b				7,0	
8,0	78,6	31,3	94 200	83 700	67 200		8,0	
9,0	76,7	31,1	78 900	71 700	59 400	51 300	9,0	
10,0	74,7	30,8	67 300	61 900	53 100	46 000	10,0	
11,0	72,7	30,5	58 400	54 200	47 800	41 400	11,0	
12,0	70,7	30,1	51 600	48 200	43 600	37 600	12,0	
13,0	68,6	29,7	46 100	43 300	39 900	34 400	13,0	
14,0	66,5	29,3	41 500	39 200	36 800	31 600	14,0	
15,0	64,4	28,8	37 800	35 800	34 000	29 200	15,0	
16,0	62,2	28,3	34 700	33 000	31 500	27 200	16,0	
18,0	57,8	27,0	29 400	28 200	27 000	23 600	18,0	
20,0	53,0	25,6	25 400	24 500	23 600	20 800	20,0	
22,0	48,0	23,9	22 300	21 600	20 800	18 500	22,0	
24,0	42,5	21,8	19 700	19 100	18 600	16 600	24,0	
26,0	36,3	19,2	17 600	17 100	16 700	14 900	26,0	
28,0	28,9	16,0	15 800	15 400	15 100	13 500	28,0	
30,0	19,0	11,2	14 200	13 900	13 700	12 200	30,0	

REFERENCE ONLY

MLC165-1 S-2



<p>33,0 m</p>							
m	°	m	kg	kg	kg	kg	m
7,3	80,9	34,5	103 200 b				7,3
8,0	79,7	34,4	94 200	81 800			8,0
9,0	77,9	34,2	78 900	71 100	59 300		9,0
10,0	76,1	33,9	67 300	61 400	53 000	46 000	10,0
11,0	74,3	33,6	58 500	53 900	47 800	41 400	11,0
12,0	72,5	33,3	51 600	48 000	43 500	37 600	12,0
13,0	70,7	33,0	46 100	43 100	39 900	34 400	13,0
14,0	68,8	32,6	41 600	39 000	36 700	31 600	14,0
15,0	66,9	32,1	37 800	35 700	33 700	29 200	15,0
16,0	65,0	31,7	34 700	32 900	31 200	27 200	16,0
18,0	61,0	30,6	29 400	28 100	26 800	23 600	18,0
20,0	56,9	29,3	25 400	24 400	23 400	20 800	20,0
22,0	52,6	27,9	22 300	21 500	20 700	18 500	22,0
24,0	48,0	26,1	19 700	19 100	18 400	16 600	24,0
26,0	43,1	24,1	17 600	17 100	16 600	14 900	26,0
28,0	37,6	21,6	15 800	15 400	15 000	13 500	28,0
30,0	31,2	18,6	14 300	13 900	13 600	12 300	30,0
32,0	23,3	14,5	12 900	12 700	12 400	11 200	32,0


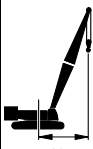


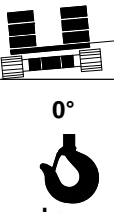
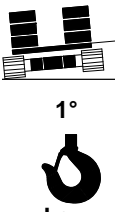
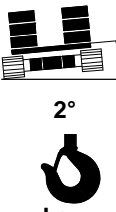
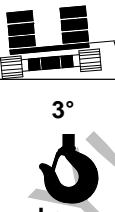

MLC165-1 S-2





 56 000 kg
 +
 20 450 kg



 36,0 m								
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m	
7,3	81,7	37,6	97 700 b					7,3
8,0	80,6	37,4	93 800	76 300				8,0
9,0	78,9	37,2	78 900	70 200	59 200			9,0
10,0	77,3	37,0	67 300	60 900	52 900	45 900		10,0
11,0	75,7	36,7	58 400	53 400	47 700	41 200		11,0
12,0	74,0	36,5	51 600	47 600	43 400	37 500		12,0
13,0	72,3	36,1	46 000	42 800	39 700	34 200		13,0
14,0	70,6	35,8	41 500	38 700	36 300	31 400		14,0
15,0	68,9	35,4	37 700	35 400	33 300	29 000		15,0
16,0	67,2	35,0	34 600	32 600	30 800	27 000		16,0
18,0	63,7	34,0	29 300	27 900	26 500	23 500		18,0
20,0	60,0	32,9	25 300	24 200	23 100	20 600		20,0
22,0	56,2	31,6	22 200	21 300	20 400	18 400		22,0
24,0	52,2	30,1	19 600	18 900	18 200	16 400		24,0
26,0	48,0	28,4	17 500	16 900	16 300	14 800		26,0
28,0	43,5	26,3	15 700	15 200	14 800	13 400		28,0
30,0	38,5	23,9	14 200	13 800	13 400	12 200		30,0
32,0	32,9	21,0	12 900	12 500	12 200	11 100		32,0
34,0	26,3	17,4	11 700	11 400	11 200	10 100		34,0

MLC165-1 S-2




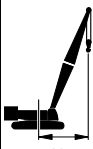


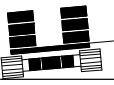
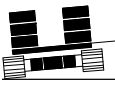
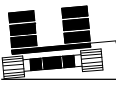
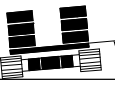

<p>39,0 m</p>							
m	°	m	kg	kg	kg	kg	m
7,9	81,4	40,5	89 400				7,9
8,0	81,3	40,5	88 900				8,0
9,0	79,8	40,3	78 900	68 500			9,0
10,0	78,3	40,1	67 200	60 400	52 800	45 700	10,0
11,0	76,8	39,9	58 300	53 000	47 600	41 100	11,0
12,0	75,3	39,6	51 500	47 200	43 300	37 300	12,0
13,0	73,7	39,3	46 000	42 500	39 400	34 100	13,0
14,0	72,2	39,0	41 400	38 500	35 900	31 300	14,0
15,0	70,6	38,6	37 600	35 100	32 900	28 900	15,0
16,0	69,1	38,2	34 500	32 400	30 400	26 900	16,0
18,0	65,9	37,4	29 300	27 700	26 200	23 400	18,0
20,0	62,6	36,4	25 300	24 000	22 800	20 500	20,0
22,0	59,2	35,2	22 100	21 100	20 200	18 300	22,0
24,0	55,6	33,9	19 600	18 800	18 000	16 300	24,0
26,0	52,0	32,3	17 400	16 800	16 100	14 700	26,0
28,0	48,1	30,6	15 700	15 100	14 600	13 300	28,0
30,0	43,9	28,6	14 100	13 700	13 200	12 100	30,0
32,0	39,4	26,3	12 800	12 400	12 000	11 000	32,0
34,0	34,4	23,5	11 600	11 300	11 000	10 100	34,0
36,0	28,6	20,1	10 600	10 400	10 100	9 200	36,0
38,0	21,4	15,6	9 700	9 500	9 300	8 400	38,0

MLC165-1 S-2




56 000 kg
+ 20 450 kg



 42,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
8,5	81,2	43,4	83 100				8,5
9,0	80,5	43,4	78 300				9,0
10,0	79,1	43,2	67 200	59 900	52 400		10,0
11,0	77,8	42,9	58 200	52 600	47 400	41 000	11,0
12,0	76,3	42,7	51 400	46 800	42 900	37 200	12,0
13,0	74,9	42,4	45 900	42 100	38 800	33 900	13,0
14,0	73,5	42,1	41 300	38 200	35 400	31 200	14,0
15,0	72,1	41,8	37 500	34 900	32 500	28 800	15,0
16,0	70,6	41,4	34 400	32 100	30 000	26 700	16,0
18,0	67,7	40,6	29 200	27 400	25 800	23 200	18,0
20,0	64,7	39,7	25 100	23 800	22 500	20 400	20,0
22,0	61,6	38,7	22 000	20 900	19 900	18 100	22,0
24,0	58,4	37,5	19 400	18 600	17 700	16 200	24,0
26,0	55,1	36,1	17 300	16 600	15 900	14 500	26,0
28,0	51,7	34,6	15 500	14 900	14 300	13 100	28,0
30,0	48,1	32,8	14 000	13 500	13 000	11 900	30,0
32,0	44,2	30,8	12 700	12 200	11 800	10 900	32,0
34,0	40,1	28,6	11 500	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	8 400	7 600	40,0


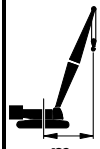


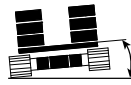
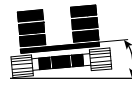
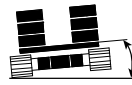
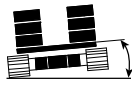
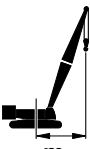
MLC165-1 S-2





 56 000 kg
 +
 20 450 kg




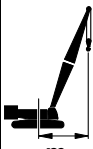


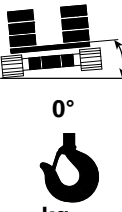
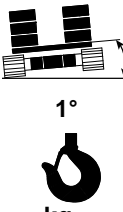
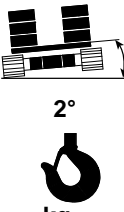
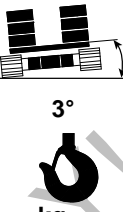

 45,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
9,1	81,0	46,4	76 600				9,1
10,0	79,9	46,2	67 300	58 300			10,0
11,0	78,6	46,0	58 400	52 400	47 400	41 200	11,0
12,0	77,3	45,8	51 600	46 700	42 600	37 300	12,0
13,0	76,0	45,5	46 000	42 100	38 600	34 100	13,0
14,0	74,6	45,2	41 500	38 100	35 200	31 300	14,0
15,0	73,3	44,9	37 700	34 900	32 400	28 900	15,0
16,0	72,0	44,6	34 600	32 100	29 900	26 900	16,0
18,0	69,2	43,9	29 300	27 500	25 800	23 400	18,0
20,0	66,5	43,0	25 300	23 900	22 500	20 500	20,0
22,0	63,7	42,1	22 200	21 000	19 900	18 300	22,0
24,0	60,8	41,0	19 600	18 700	17 800	16 300	24,0
26,0	57,8	39,7	17 500	16 700	16 000	14 700	26,0
28,0	54,7	38,3	15 700	15 100	14 400	13 300	28,0
30,0	51,4	36,8	14 200	13 600	13 100	12 100	30,0
32,0	48,1	35,0	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	40,6	30,8	10 700	10 400	10 000	9 300	36,0
38,0	36,5	28,2	9 800	9 500	9 200	8 500	38,0
40,0	31,8	25,2	9 000	8 700	8 500	7 800	40,0
42,0	26,5	21,5	8 300	8 000	7 800	7 200	42,0
44,0	19,7	16,6	7 600	7 400	7 200	6 600	44,0

MLC165-1 S-2




56 000 kg
+ 20 450 kg



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

MLC165-1 S-2




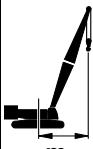


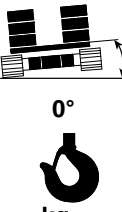
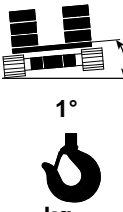
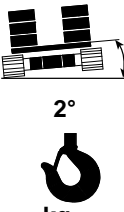
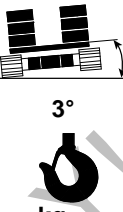

<p>51,0 m</p>							
m	°	m	kg	kg	kg	kg	m
9,8	81,4	52,4	66 200				9,8
10,0	81,1	52,3	65 100				10,0
11,0	79,9	52,1	58 300	49 900			11,0
12,0	78,8	51,9	51 400	46 000	40 500		12,0
13,0	77,6	51,7	45 800	41 400	37 600	33 100	13,0
14,0	76,5	51,5	41 300	37 500	34 300	31 000	14,0
15,0	75,3	51,2	37 500	34 300	31 600	28 600	15,0
16,0	74,2	50,9	34 400	31 600	29 200	26 600	16,0
18,0	71,8	50,3	29 100	27 000	25 200	23 000	18,0
20,0	69,4	49,5	25 100	23 500	22 000	20 200	20,0
22,0	67,0	48,7	22 000	20 600	19 400	18 000	22,0
24,0	64,5	47,8	19 400	18 300	17 300	16 000	24,0
26,0	62,0	46,7	17 200	16 300	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	13 900	13 300	12 700	11 800	30,0
32,0	53,9	42,9	12 600	12 100	11 500	10 800	32,0
34,0	51,1	41,3	11 500	11 000	10 500	9 800	34,0
36,0	48,1	39,5	10 500	10 000	9 600	9 000	36,0
38,0	44,9	37,6	9 600	9 200	8 800	8 200	38,0
40,0	41,6	35,4	8 800	8 400	8 100	7 600	40,0
42,0	38,0	32,9	8 000	7 800	7 500	7 000	42,0
44,0	34,2	30,1	7 400	7 100	6 900	6 400	44,0
46,0	29,8	26,8	6 800	6 600	6 400	5 900	46,0
48,0	24,8	22,8	6 200	6 000	5 900	5 400	48,0
50,0	18,5	17,6	5 700	5 600	5 400	5 000	50,0

MLC165-1 S-2




56 000 kg
+ 20 450 kg



 54,0 m								
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m	
10,4	81,2	55,3	60 800				10,4	
11,0	80,5	55,2	58 200	47 100			11,0	
12,0	79,4	55,0	51 300	45 100			12,0	
13,0	78,3	54,8	45 700	41 100	36 400	29 100	13,0	
14,0	77,3	54,6	41 100	37 200	33 900	29 000	14,0	
15,0	76,2	54,3	37 400	34 000	31 100	28 300	15,0	
16,0	75,1	54,1	34 200	31 300	28 800	26 400	16,0	
18,0	72,9	53,5	29 000	26 800	24 800	22 900	18,0	
20,0	70,6	52,8	24 900	23 200	21 700	20 100	20,0	
22,0	68,3	52,0	21 800	20 400	19 100	17 800	22,0	
24,0	66,0	51,1	19 200	18 100	17 000	15 900	24,0	
26,0	63,7	50,1	17 100	16 100	15 300	14 200	26,0	
28,0	61,2	49,1	15 300	14 500	13 800	12 900	28,0	
30,0	58,8	47,9	13 800	13 100	12 500	11 600	30,0	
32,0	56,2	46,6	12 500	11 900	11 300	10 600	32,0	
34,0	53,6	45,1	11 300	10 800	10 300	9 700	34,0	
36,0	50,9	43,5	10 300	9 900	9 400	8 800	36,0	
38,0	48,1	41,8	9 400	9 000	8 600	8 100	38,0	
40,0	45,1	39,8	8 600	8 300	7 900	7 400	40,0	
42,0	42,0	37,7	7 900	7 600	7 300	6 800	42,0	
44,0	38,7	35,3	7 200	7 000	6 700	6 200	44,0	
46,0	35,1	32,5	6 600	6 400	6 200	5 700	46,0	
48,0	31,1	29,4	6 100	5 900	5 700	5 300	48,0	
50,0	26,6	25,7	5 600	5 400	5 200	4 800	50,0	
52,0	21,3	21,0	5 100	5 000	4 800	4 400	52,0	




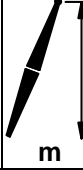
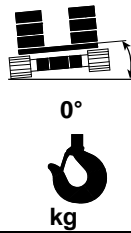
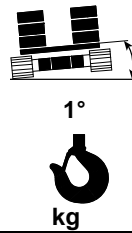
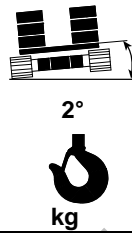
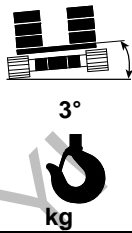

MLC165-1 S-2





 56 000 kg
 +
 20 450 kg




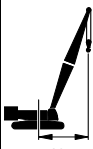


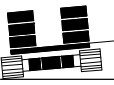
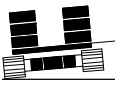
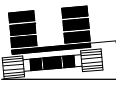
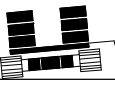

 57,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
10,4	81,7	58,3	57 600				10,4
11,0	81,0	58,2	56 300				11,0
12,0	80,0	58,1	51 200	43 100			12,0
13,0	79,0	57,9	45 700	40 800	32 300		13,0
14,0	77,9	57,6	41 100	37 000	32 200	25 500	14,0
15,0	76,9	57,4	37 300	33 800	30 800	25 400	15,0
16,0	75,9	57,1	34 100	31 100	28 500	25 100	16,0
18,0	73,8	56,6	28 900	26 600	24 500	22 700	18,0
20,0	71,7	55,9	24 900	23 000	21 400	20 000	20,0
22,0	69,5	55,2	21 700	20 300	18 900	17 700	22,0
24,0	67,4	54,4	19 100	17 900	16 800	15 800	24,0
26,0	65,1	53,5	17 000	16 000	15 100	14 100	26,0
28,0	62,9	52,5	15 200	14 400	13 600	12 800	28,0
30,0	60,6	51,4	13 700	13 000	12 300	11 600	30,0
32,0	58,2	50,1	12 400	11 700	11 200	10 500	32,0
34,0	55,8	48,8	11 200	10 700	10 200	9 600	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	8 000	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	7 500	7 200	6 700	42,0
44,0	42,4	39,9	7 100	6 900	6 600	6 200	44,0
46,0	39,2	37,6	6 500	6 300	6 000	5 700	46,0
48,0	35,9	34,9	6 000	5 800	5 600	5 200	48,0
50,0	32,2	31,9	5 500	5 300	5 100	4 800	50,0
52,0	28,1	28,3	5 000	4 900	4 700	4 400	52,0
54,0	23,4	24,1	4 600	4 500	4 300	4 000	54,0
56,0	17,4	18,5	4 200	4 100	4 000	3 600	56,0

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56 000 kg
+ 20 450 kg



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

MLC165-1 S-2




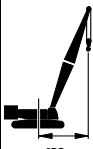


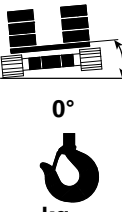
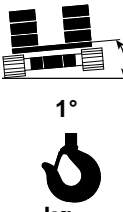
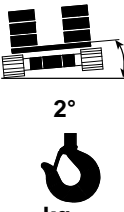
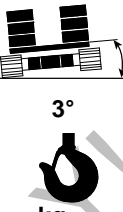


<p>63,0 m</p>							
m	°	m	kg	kg	kg	kg	m
11,6	81,3	64,2	46 100				11,6
12,0	81,0	64,2	45 700				12,0
13,0	80,0	64,0	44 500	34 000			13,0
14,0	79,1	63,8	40 800	33 800	25 300		14,0
15,0	78,2	63,6	37 000	33 000	25 200	19 700	15,0
16,0	77,2	63,3	33 900	30 600	25 100	19 600	16,0
18,0	75,4	62,8	28 600	26 100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

MLC165-1 S-2




56 000 kg
+ 20 450 kg




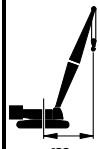


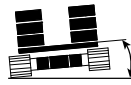
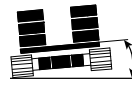
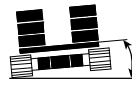
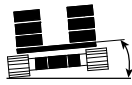

 66,0 m								
 m	 °	 m	 kg	 kg	 kg	 kg	 kg	 m
12,2	81,2	67,2	40 700					12,2
13,0	80,5	67,0	40 000	30 500				13,0
14,0	79,6	66,8	39 300	30 300	22 500			14,0
15,0	78,7	66,6	36 900	30 100	22 400			15,0
16,0	77,8	66,4	33 800	29 200	22 300	17 300		16,0
18,0	76,0	65,9	28 500	25 900	22 100	17 200		18,0
20,0	74,2	65,4	24 500	22 400	20 500	17 100		20,0
22,0	72,4	64,7	21 300	19 600	18 100	16 500		22,0
24,0	70,6	64,1	18 700	17 300	16 100	14 900		24,0
26,0	68,7	63,3	16 600	15 400	14 400	13 400		26,0
28,0	66,8	62,4	14 800	13 800	12 900	12 100		28,0
30,0	64,9	61,5	13 300	12 400	11 600	10 900		30,0
32,0	63,0	60,5	11 900	11 200	10 500	9 900		32,0
34,0	61,0	59,4	10 800	10 200	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	8 900	8 400	7 900	7 500		38,0
40,0	54,8	55,6	8 100	7 600	7 200	6 800		40,0
42,0	52,6	54,1	7 400	7 000	6 600	6 200		42,0
44,0	50,4	52,5	6 700	6 300	6 000	5 700		44,0
46,0	48,1	50,7	6 100	5 800	5 500	5 200		46,0
48,0	45,7	48,8	5 600	5 300	5 000	4 700		48,0
50,0	43,2	46,7	5 100	4 800	4 600	4 300		50,0
52,0	40,6	44,4	4 600	4 400	4 200	3 900		52,0
54,0	37,8	41,9	4 200	4 000	3 800	3 500		54,0
56,0	34,8	39,1	3 800	3 600	3 400	3 200		56,0
58,0	31,6	36,0	3 400	3 300	3 100	2 900		58,0
60,0	28,0	32,4	3 100	2 900	2 800	2 600		60,0
62,0	24,0	28,2	2 800	2 600	2 500	2 300		62,0
64,0	19,1	23,0	2 500	2 300	2 200	2 000		64,0

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56 000 kg
 +
20 450 kg




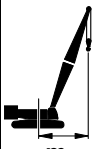


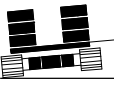
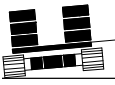
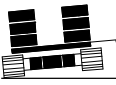
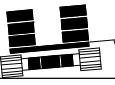

 69,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
12,2	81,6	70,2	36 700				12,2
13,0	80,9	70,1	36 100				13,0
14,0	80,1	69,9	35 400	27 200			14,0
15,0	79,2	69,7	34 800	27 000	19 900		15,0
16,0	78,4	69,5	33 000	26 800	19 800		16,0
18,0	76,7	69,0	28 400	25 400	19 600	15 200	18,0
20,0	74,9	68,5	24 400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

MLC165-1 S-2




56 000 kg
+ 20 450 kg



 72,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
12,8	81,4	73,1	35 900				12,8
13,0	81,3	73,1	35 900				13,0
14,0	80,5	72,9	35 800	24 400			14,0
15,0	79,7	72,7	35 600	24 300			15,0
16,0	78,9	72,5	33 300	24 300	17 800		16,0
18,0	77,2	72,1	28 100	24 200	17 800	13 600	18,0
20,0	75,6	71,6	24 000	21 800	17 700	13 500	20,0
22,0	73,9	71,0	20 900	19 000	17 200	13 500	22,0
24,0	72,3	70,4	18 300	16 800	15 400	13 500	24,0
26,0	70,6	69,7	16 100	14 900	13 700	12 700	26,0
28,0	68,9	69,0	14 300	13 300	12 300	11 400	28,0
30,0	67,2	68,1	12 800	11 900	11 000	10 200	30,0
32,0	65,4	67,2	11 500	10 700	9 900	9 200	32,0
34,0	63,6	66,2	10 300	9 600	9 000	8 400	34,0
36,0	61,8	65,2	9 300	8 700	8 100	7 600	36,0
38,0	60,0	64,1	8 400	7 900	7 300	6 900	38,0
40,0	58,1	62,8	7 600	7 100	6 700	6 200	40,0
42,0	56,2	61,5	6 900	6 400	6 000	5 600	42,0
44,0	54,3	60,1	6 200	5 800	5 500	5 100	44,0
46,0	52,3	58,6	5 600	5 300	4 900	4 600	46,0
48,0	50,2	56,9	5 100	4 800	4 500	4 200	48,0
50,0	48,1	55,2	4 600	4 300	4 000	3 800	50,0
52,0	45,9	53,3	4 100	3 900	3 600	3 400	52,0
54,0	43,6	51,2	3 700	3 500	3 200	3 000	54,0
56,0	41,2	49,0	3 300	3 100	2 900	2 700	56,0
58,0	38,7	46,6	3 000	2 800	2 600	2 400	58,0
60,0	36,1	43,9	2 600	2 400	2 300	2 100	60,0
62,0	33,3	40,9	2 200	2 100	1 900	1 700	62,0
64,0	30,2	37,6	1 900	1 800	1 600	1 400	64,0
66,0	26,8	33,9	1 500				66,0




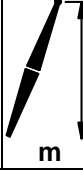
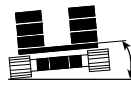
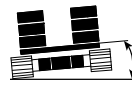
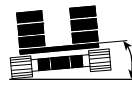
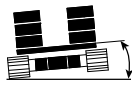

MLC165-1 S-2





 56 000 kg
 +
 20 450 kg




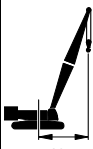


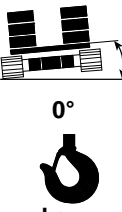
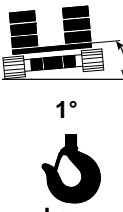
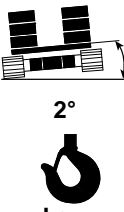


 75,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
13,4	81,3	76,1	32 600				13,4
14,0	80,9	76,0	32 500				14,0
15,0	80,1	75,8	32 400	22 000			15,0
16,0	79,3	75,6	31 600	21 900			16,0
18,0	77,8	75,2	27 900	21 800	15 900		18,0
20,0	76,2	74,7	23 900	21 400	15 800	11 900	20,0
22,0	74,6	74,2	20 700	18 800	15 700	11 900	22,0
24,0	73,0	73,6	18 100	16 600	15 000	11 900	24,0
26,0	71,4	72,9	16 000	14 700	13 500	11 800	26,0
28,0	69,8	72,2	14 200	13 100	12 100	11 100	28,0
30,0	68,1	71,4	12 700	11 700	10 800	10 000	30,0
32,0	66,5	70,5	11 300	10 500	9 700	9 000	32,0
34,0	64,8	69,6	10 200	9 400	8 800	8 100	34,0
36,0	63,1	68,6	9 200	8 500	7 900	7 300	36,0
38,0	61,3	67,5	8 300	7 700	7 100	6 600	38,0
40,0	59,6	66,4	7 500	6 900	6 500	6 000	40,0
42,0	57,8	65,1	6 700	6 300	5 800	5 400	42,0
44,0	55,9	63,8	6 100	5 700	5 300	4 900	44,0
46,0	54,1	62,4	5 500	5 100	4 800	4 400	46,0
48,0	52,1	60,8	5 000	4 600	4 300	4 000	48,0
50,0	50,2	59,2	4 500	4 100	3 800	3 600	50,0
52,0	48,1	57,4	4 000	3 700	3 400	3 200	52,0
54,0	46,0	55,5	3 600	3 300	3 100	2 800	54,0
56,0	43,8	53,5	3 200	2 900	2 700	2 500	56,0
58,0	41,6	51,3	2 800	2 600	2 400	2 200	58,0
60,0	39,2	48,9	2 400	2 300	2 000	1 800	60,0
62,0	36,7	46,3	2 000	1 900	1 700	1 500	62,0
64,0	34,0	43,4	1 700	1 600	1 400		64,0

MLC165-1 S-2




56 000 kg
+ 20 450 kg






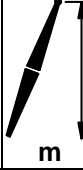
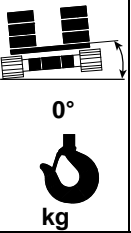
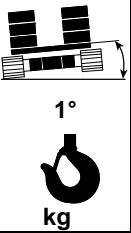
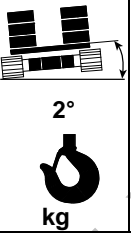
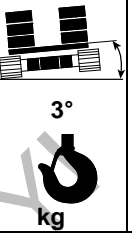

 78,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
13,4	81,7	79,1	29 700				13,4
14,0	81,2	79,0	29 600				14,0
15,0	80,5	78,9	29 500				15,0
16,0	79,7	78,7	29 400	19 800			16,0
18,0	78,2	78,3	27 500	19 700	14 100		18,0
20,0	76,7	77,8	23 700	19 500	14 100	10 500	20,0
22,0	75,2	77,3	20 600	18 600	14 000	10 500	22,0
24,0	73,7	76,7	18 000	16 400	13 900	10 400	24,0
26,0	72,1	76,1	15 800	14 500	13 200	10 400	26,0
28,0	70,6	75,4	14 000	12 900	11 800	10 300	28,0
30,0	69,0	74,6	12 500	11 500	10 600	9 700	30,0
32,0	67,4	73,8	11 200	10 300	9 500	8 800	32,0
34,0	65,8	72,9	10 000	9 300	8 500	7 900	34,0
36,0	64,2	72,0	9 000	8 300	7 700	7 100	36,0
38,0	62,5	70,9	8 100	7 500	6 900	6 400	38,0
40,0	60,9	69,8	7 300	6 800	6 300	5 800	40,0
42,0	59,2	68,7	6 600	6 100	5 600	5 200	42,0
44,0	57,4	67,4	5 900	5 500	5 100	4 700	44,0
46,0	55,6	66,0	5 300	4 900	4 600	4 200	46,0
48,0	53,8	64,6	4 800	4 400	4 100	3 800	48,0
50,0	52,0	63,1	4 300	4 000	3 600	3 300	50,0
52,0	50,1	61,4	3 800	3 500	3 200	3 000	52,0
54,0	48,1	59,7	3 400	3 100	2 900	2 600	54,0
56,0	46,1	57,8	3 000	2 800	2 500	2 200	56,0
58,0	44,0	55,7	2 500	2 400	2 100	1 900	58,0
60,0	41,8	53,5	2 100	2 000	1 800	1 500	60,0
62,0	39,5	51,2	1 800	1 700	1 400		62,0
64,0	37,2	48,6	1 400	1 300			64,0

MLC165-1 S-2




56 000 kg
 +
20 450 kg




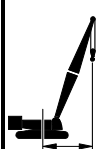


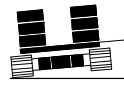
 81,0 m							
 m	 °	 m	 0° kg	 1° kg	 2° kg	 3° kg	 m
14,0	81,5	82,1	27 500				14,0
15,0	80,8	81,9	27 400				15,0
16,0	80,1	81,7	27 300	18 200			16,0
18,0	78,7	81,3	27 000	18 100	12 800		18,0
20,0	77,2	80,9	23 600	18 000	12 800	9 400	20,0
22,0	75,8	80,4	20 400	17 700	12 700	9 400	22,0
24,0	74,3	79,8	17 800	16 200	12 700	9 400	24,0
26,0	72,8	79,2	15 700	14 300	12 600	9 300	26,0
28,0	71,3	78,5	13 900	12 700	11 600	9 300	28,0
30,0	69,8	77,8	12 400	11 300	10 400	9 300	30,0
32,0	68,3	77,0	11 000	10 100	9 300	8 500	32,0
34,0	66,8	76,2	9 900	9 100	8 400	7 700	34,0
36,0	65,2	75,3	8 900	8 200	7 500	6 900	36,0
38,0	63,6	74,3	8 000	7 300	6 800	6 200	38,0
40,0	62,0	73,3	7 200	6 600	6 100	5 600	40,0
42,0	60,4	72,1	6 400	5 900	5 500	5 000	42,0
44,0	58,8	70,9	5 800	5 300	4 900	4 500	44,0
46,0	57,1	69,7	5 200	4 800	4 400	4 000	46,0
48,0	55,4	68,3	4 600	4 300	3 900	3 600	48,0
50,0	53,6	66,8	4 100	3 800	3 500	3 200	50,0
52,0	51,8	65,3	3 700	3 400	3 100	2 800	52,0
54,0	50,0	63,6	3 200	3 000	2 700	2 400	54,0
56,0	48,1	61,9	2 800	2 600	2 300	2 000	56,0
58,0	46,2	60,0	2 300	2 200	1 900	1 700	58,0
60,0	44,2	58,0	1 900	1 800	1 600		60,0
62,0	42,1	55,8	1 600	1 500			62,0

MLC165-1 S-2




56 000 kg
+
20 450 kg



 84,0 m			
 m	 °	 m	 kg
14,6	81,4	85,0	24 900
15,0	81,2	84,9	24 800
16,0	80,5	84,8	24 700
18,0	79,1	84,4	24 500
20,0	77,7	84,0	23 500
22,0	76,3	83,5	20 300
24,0	74,9	83,0	17 700
26,0	73,5	82,4	15 500
28,0	72,0	81,7	13 700
30,0	70,6	81,0	12 200
32,0	69,1	80,3	10 900
34,0	67,6	79,5	9 700
36,0	66,2	78,6	8 700
38,0	64,7	77,7	7 800
40,0	63,1	76,7	7 000
42,0	61,6	75,6	6 300
44,0	60,0	74,5	5 600
46,0	58,4	73,2	5 000
48,0	56,8	72,0	4 500
50,0	55,1	70,6	4 000
52,0	53,4	69,1	3 500
54,0	51,7	67,6	3 000
56,0	49,9	65,9	2 500
58,0	48,1	64,1	2 100
60,0	46,3	62,3	1 700