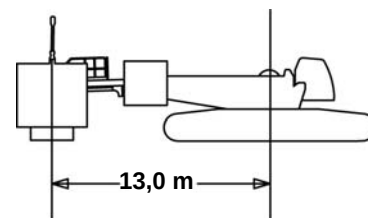


Liftcrane Boom Capacities

Boom No. 58 HL with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
0 kg thru 222 190 kg Hanging Counterweight
at 13,0 m Position
360 Degree Rating

16000 MAX-ER



LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Standard upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of 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.



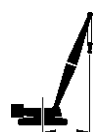
HANGING COUNTERWEIGHT: Hanging counterweight must be attached to machine and MAX-ER mode must be selected to operate. Exit MAX-ER mode before operating without hanging counterweight.



MINIMUM LIFTING CAPACITY TO SWING AND TRAVEL: Minimum lifting capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with mast up. Refer to boom rigging **No. A14546**, Wire Rope Specification chart **No. 8745-A**, Counterweight Arrangement chart **No. 8682-A** and Wind Conditions chart **No. 8688-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 Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8797-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 ($^{\circ}$) 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 MAX-ER, 10 363 mm crawlers, 1 524 mm treads, 9 754 mm live mast, 30,0 m mast, 12 part boom hoist reeving, boom support straps, 150 590 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights and hanging counterweight as specified.

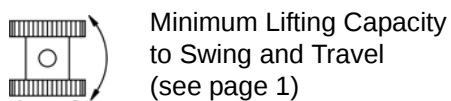
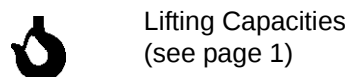
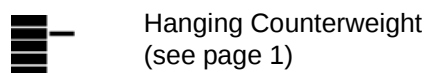
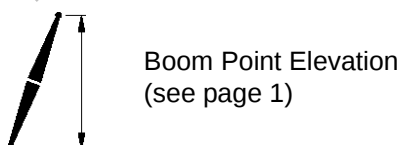
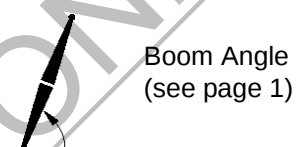
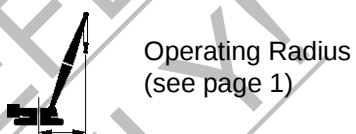
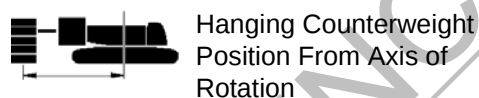
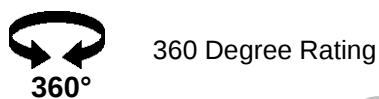
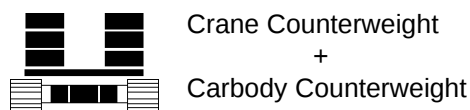
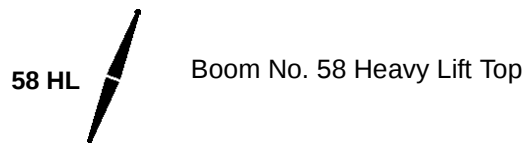
WARNING: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

Maximum Boom Length Lifted Unassisted	
Over End of Blocked Crawlers	Over Side or End of Unblocked Crawlers
With 0 kg Hanging Counterweight	
96,0 m	90,0 m
With 62 530 kg Hanging Counterweight	
120,0 m	114,0 m
Over Side or End of Unblocked Crawlers	
With 142 360 kg Hanging Counterweight	With 222 190 kg Hanging Counterweight
120,0 m	120,0 m
Load block, hook and weight ball on ground at start.	

Boom Catwalks Deduct

Deduct 550 kg from capacities when boom catwalks are attached.

Explanation of Symbols



58 HL



150 590 kg
+
54 430 kg

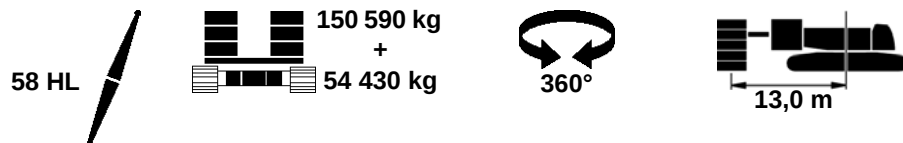
360°

13,0 m



42,0 m

 m	 °	 m	 kg	 kg		 kg		 kg		 m
				 kg	 kg	 kg	 kg	 kg	 kg	
7,9	82,8	44,2	343 100 *	254 900	379 800 *					7,9
8,0	82,7	44,2	340 200 *	251 700	379 800 *					8,0
10,0	80,0	43,8	273 200 *	184 300	329 300 *	327 600	379 800 *			10,0
12,0	77,2	43,4	224 200 *	143 900	274 700 *	256 300	333 100 *			12,0
14,0	74,3	42,8	180 600	116 900	235 000 *	210 500	285 400 *			14,0
16,0	71,4	42,1	148 300	97 500	204 400 *	177 800	249 200 *	258 600	293 600 *	16,0
18,0	68,5	41,3	125 200	83 000	179 200 *	153 200	220 800 *	223 500	260 400 *	18,0
20,0	65,5	40,4	107 900	71 700	157 700	134 100	197 900 *	196 600	233 700 *	20,0
22,0	62,4	39,4	94 300	62 600	138 500	118 700	179 000 *	174 900	211 600 *	22,0
24,0	59,3	38,2	83 300	55 200	123 300	106 100	163 100 *	157 200	193 100 *	24,0
26,0	56,0	36,8	74 400	48 900	110 700	95 700	149 700 *	142 500	177 400 *	26,0
28,0	52,5	35,3	66 900	43 700	100 200	86 700	137 600 *	129 900	163 900 *	28,0
30,0	48,9	33,6	60 500	39 100	91 300	79 100	127 100 *	119 200	152 100 *	30,0
32,0	45,1	31,6	55 100	35 200	83 700	72 400	117 900 *	109 800	141 800 *	32,0
34,0	41,0	29,3	50 300	31 700	77 000	66 600	109 800	101 600	132 600 *	34,0
36,0	36,5	26,7	46 100	28 600	71 200	61 400	102 300	94 300	124 400 *	36,0
38,0	31,4	23,5	42 400	25 800	66 000	56 800	95 300	87 800	117 100 *	38,0
40,0	25,3	19,6	39 100	23 300	61 400	52 600	89 000	81 900	110 100 *	40,0



			0 kg		62 530 kg		142 360 kg		222 190 kg		
			kg		kg		kg		kg		m
8,5	83,0	50,2	318 800 *	232 400	340 000 *						8,5
10,0	81,2	49,9	272 700 *	186 100	331 100 *						10,0
12,0	78,8	49,5	223 900 *	145 000	274 200 *	258 300	331 400 *				12,0
14,0	76,3	49,0	180 800	117 400	234 500 *	211 800	285 000 *				14,0
16,0	73,8	48,5	148 300	97 800	204 000 *	178 600	248 700 *	260 600	293 400 *		16,0
18,0	71,3	47,8	125 200	83 100	178 800 *	153 800	220 300 *	224 500	259 900 *		18,0
20,0	68,8	47,0	107 800	71 700	157 600	134 400	197 400 *	197 300	233 200 *		20,0
22,0	66,2	46,1	94 100	62 500	138 400	118 900	178 500 *	175 500	211 100 *		22,0
24,0	63,5	45,1	83 200	55 000	123 100	106 200	162 600 *	157 600	192 600 *		24,0
26,0	60,7	44,0	74 200	48 700	110 500	95 700	149 100 *	142 700	176 900 *		26,0
28,0	57,9	42,7	66 700	43 400	100 000	86 700	137 100 *	130 000	163 300 *		28,0
30,0	55,0	41,3	60 300	38 800	91 000	79 000	126 600 *	119 200	151 600 *		30,0
32,0	52,0	39,8	54 800	34 800	83 400	72 300	117 400 *	109 800	141 300 *		32,0
34,0	48,8	38,0	50 000	31 300	76 700	66 400	109 400 *	101 600	132 100 *		34,0
36,0	45,5	36,1	45 800	28 300	70 900	61 200	102 000	94 300	123 900 *		36,0
38,0	42,0	33,9	42 100	25 500	65 700	56 600	95 000	87 800	116 600 *		38,0
40,0	38,1	31,4	38 800	23 000	61 100	52 500	88 800	82 000	110 000 *		40,0
42,0	33,9	28,5	35 800	20 700	57 000	48 700	83 200	76 700	104 000 *		42,0
44,0	29,2	25,1	33 200	18 700	53 200	45 300	78 200	71 900	98 500 *		44,0
46,0	23,5	20,8	30 700	16 700	49 800	42 100	73 600	67 500	93 300 *		46,0

58 HL



150 590 kg
+
54 430 kg

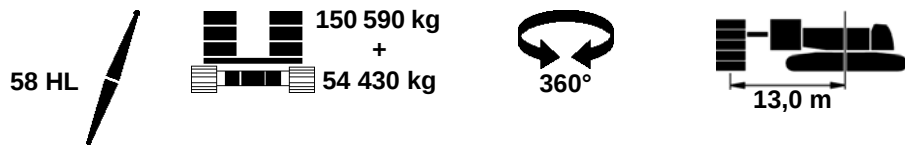
360°

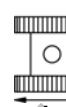
13,0 m



54,0 m

 m	 °	 m	 0 kg	 62 530 kg		 142 360 kg		 222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	 kg	
9,8	82,5	56,0	278 900 *	194 400	312 300 *					9,8
10,0	82,2	56,0	272 200 *	188 000	312 200 *					10,0
12,0	80,1	55,7	223 400 *	145 800	273 600 *	261 300	311 400 *			12,0
14,0	77,9	55,2	180 700	117 900	233 900 *	212 900	285 500 *			14,0
16,0	75,7	54,7	148 200	97 900	203 400 *	179 200	248 100 *			16,0
18,0	73,5	54,1	125 000	83 100	178 300 *	154 100	219 700 *	225 400	259 400 *	18,0
20,0	71,2	53,4	107 600	71 500	157 400	134 600	196 800 *	197 800	232 600 *	20,0
22,0	69,0	52,7	93 800	62 300	138 100	119 000	177 900 *	175 800	210 500 *	22,0
24,0	66,7	51,8	82 900	54 700	122 800	106 100	162 000 *	157 800	192 000 *	24,0
26,0	64,3	50,8	73 900	48 400	110 200	95 500	148 600 *	142 800	176 300 *	26,0
28,0	61,9	49,7	66 300	43 000	99 600	86 500	136 600 *	130 000	162 800 *	28,0
30,0	59,4	48,6	59 900	38 400	90 700	78 700	126 100 *	119 100	151 000 *	30,0
32,0	56,9	47,3	54 400	34 400	83 000	72 000	116 900 *	109 700	140 700 *	32,0
34,0	54,3	45,8	49 600	30 900	76 300	66 100	108 800 *	101 400	131 500 *	34,0
36,0	51,6	44,2	45 400	27 700	70 500	60 900	101 500	94 100	123 400 *	36,0
38,0	48,8	42,5	41 800	25 000	65 300	56 300	94 600	87 600	116 100 *	38,0
40,0	45,8	40,6	38 500	22 500	60 700	52 100	88 400	81 800	109 400 *	40,0
42,0	42,7	38,4	35 500	20 200	56 600	48 300	82 800	76 500	103 400 *	42,0
44,0	39,4	36,0	32 800	18 200	52 900	44 900	77 800	71 700	98 000 *	44,0
46,0	35,8	33,3	30 300	16 300	49 500	41 900	73 200	67 400	93 000 *	46,0
48,0	31,9	30,2	28 100	14 600	46 400	39 000	69 000	63 400	88 400 *	48,0
50,0	27,4	26,5	26 100	13 000	43 500	36 300	65 200	59 700	84 100 *	50,0
52,0	22,1	21,9	24 200	11 500	40 900	33 800	61 700	56 200	79 900 *	52,0



 m	 °	 m	 0 kg	 62 530 kg		 142 360 kg		 222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	 kg	
10,4	82,6	62,0	261 800 *	179 800	282 800 *					10,4
12,0	81,1	61,8	222 800 *	146 500	274 400 *					12,0
14,0	79,1	61,4	180 600	118 100	233 200 *	213 900	276 200 *			14,0
16,0	77,2	60,9	147 900	98 000	202 700 *	179 700	248 700 *			16,0
18,0	75,2	60,4	124 700	82 900	177 700 *	154 400	219 000 *	227 100	258 400 *	18,0
20,0	73,2	59,8	107 200	71 200	157 100	134 600	196 100 *	198 200	231 800 *	20,0
22,0	71,2	59,1	93 500	61 900	137 700	118 800	177 200 *	175 900	209 800 *	22,0
24,0	69,1	58,3	82 400	54 200	122 300	105 900	161 300 *	157 800	191 300 *	24,0
26,0	67,0	57,5	73 400	47 800	109 700	95 200	147 900 *	142 600	175 600 *	26,0
28,0	64,9	56,5	65 900	42 400	99 200	86 100	136 000 *	129 900	162 100 *	28,0
30,0	62,8	55,5	59 400	37 800	90 200	78 300	125 500 *	118 900	150 300 *	30,0
32,0	60,6	54,4	53 900	33 800	82 500	71 500	116 300 *	109 400	140 000 *	32,0
34,0	58,4	53,1	49 100	30 200	75 800	65 600	108 200 *	101 100	130 800 *	34,0
36,0	56,1	51,8	45 000	27 100	70 000	60 400	101 000	93 700	122 700 *	36,0
38,0	53,7	50,3	41 200	24 300	64 800	55 700	94 100	87 200	115 400 *	38,0
40,0	51,2	48,7	37 900	21 900	60 200	51 600	87 900	81 400	108 800 *	40,0
42,0	48,7	47,0	35 000	19 600	56 100	47 800	82 300	76 100	102 800 *	42,0
44,0	46,1	45,1	32 300	17 600	52 400	44 400	77 300	71 300	97 300 *	44,0
46,0	43,3	43,0	29 800	15 700	49 000	41 300	72 700	66 900	92 400 *	46,0
48,0	40,4	40,6	27 600	14 000	45 900	38 500	68 500	62 900	87 800 *	48,0
50,0	37,2	38,0	25 600	12 400	43 100	35 800	64 700	59 300	83 500 *	50,0
52,0	33,9	35,1	23 700	10 900	40 500	33 400	61 200	55 900	79 500 *	52,0
54,0	30,1	31,8	22 000	9 600	38 100	31 200	58 000	52 800	75 800 *	54,0
56,0	25,9	27,8	20 400	8 300	35 800	29 000	55 000	49 800	72 300 *	56,0
58,0	20,9	23,0	18 800	7 100	33 700	27 000	52 300	47 000	69 000 *	58,0

58 HL



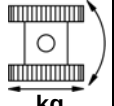
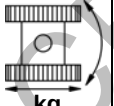
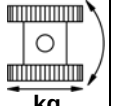
150 590 kg
+
54 430 kg

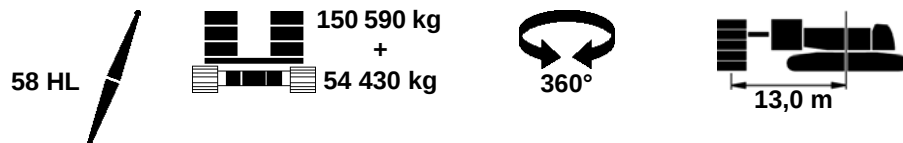
360°

13,0 m



66,0 m

 m	 °	 m	 0 kg	 62 530 kg		 142 360 kg		 222 190 kg		 m
			kg	 kg	 kg	 kg	 kg	 kg	 kg	
11,0	82,8	68,0	246 600 *	167 400	251 100 *					11,0
12,0	81,9	67,8	222 600 *	147 600	251 100 *					12,0
14,0	80,1	67,5	180 800	118 800	234 100 *	217 600	250 400 *			14,0
16,0	78,3	67,1	148 000	98 500	202 400 *	180 700	242 600 *			16,0
18,0	76,6	66,6	124 700	83 300	177 500 *	155 100	219 600 *			18,0
20,0	74,8	66,0	107 200	71 500	157 100	135 200	195 800 *	199 300	232 300 *	20,0
22,0	72,9	65,4	93 500	62 000	137 700	119 200	176 900 *	176 600	209 500 *	22,0
24,0	71,1	64,7	82 400	54 300	122 300	106 200	161 000 *	158 300	191 000 *	24,0
26,0	69,3	64,0	73 400	47 900	109 700	95 400	147 600 *	143 100	175 400 *	26,0
28,0	67,4	63,1	65 800	42 400	99 100	86 300	135 800 *	130 200	161 800 *	28,0
30,0	65,5	62,2	59 400	37 800	90 200	78 400	125 300 *	119 200	150 000 *	30,0
32,0	63,5	61,2	53 800	33 700	82 500	71 600	116 100 *	109 600	139 700 *	32,0
34,0	61,5	60,1	49 100	30 200	75 800	65 700	108 000 *	101 300	130 600 *	34,0
36,0	59,5	59,0	44 900	27 000	69 900	60 500	100 800	93 900	122 400 *	36,0
38,0	57,5	57,7	41 200	24 300	64 700	55 800	94 000	87 300	115 100 *	38,0
40,0	55,4	56,3	37 900	21 800	60 100	51 600	87 800	81 400	108 500 *	40,0
42,0	53,2	54,8	34 900	19 500	56 000	47 800	82 200	76 200	102 600 *	42,0
44,0	51,0	53,2	32 200	17 500	52 300	44 400	77 200	71 400	97 100 *	44,0
46,0	48,7	51,5	29 800	15 600	48 900	41 300	72 600	67 000	92 100 *	46,0
48,0	46,3	49,5	27 500	13 900	45 800	38 500	68 500	63 000	87 600 *	48,0
50,0	43,8	47,5	25 500	12 300	43 000	35 800	64 700	59 400	83 300 *	50,0
52,0	41,1	45,2	23 600	10 900	40 400	33 400	61 200	56 000	79 400 *	52,0
54,0	38,4	42,7	21 900	9 500	38 000	31 200	58 000	52 900	75 700 *	54,0
56,0	35,4	40,0	20 300	8 300	35 800	29 100	55 000	50 000	72 200 *	56,0
58,0	32,2	36,8	18 800	7 100	33 700	27 200	52 200	47 300	69 000 *	58,0
60,0	28,7	33,3	17 500	6 000	31 800	25 300	49 600	44 700	66 000 *	60,0
62,0	24,6	29,1	16 200	4 900	30 000	23 600	47 200	42 300	63 200 *	62,0
64,0	19,9	24,0	14 900	3 900	28 300	22 000	45 000	40 100	60 200 *	64,0



 m	 °	 m	 0 kg	 62 530 kg	 142 360 kg	 222 190 kg			 m
			kg	kg	kg	kg	kg	kg	
11,6	82,9	74,0	227 800 *	155 800	227 800 *				11,6
12,0	82,6	73,9	221 100 *	148 300	227 800 *				12,0
14,0	81,0	73,6	180 500	119 000	224 000 *				14,0
16,0	79,3	73,2	147 600	98 300	203 100 *	183 400	221 500 *		16,0
18,0	77,7	72,8	124 300	83 000	176 800 *	155 100	215 600 *		18,0
20,0	76,1	72,3	106 700	71 000	156 400	135 000	195 000 *		20,0
22,0	74,4	71,7	92 900	61 500	137 200	119 000	176 100 *	177 600	22,0
24,0	72,7	71,1	81 900	53 700	121 800	105 900	160 300 *	158 100	24,0
26,0	71,1	70,4	72 800	47 300	109 100	95 000	146 800 *	142 800	26,0
28,0	69,4	69,6	65 200	41 700	98 500	85 800	135 100 *	129 900	28,0
30,0	67,6	68,8	58 800	37 100	89 600	77 900	124 500 *	118 800	30,0
32,0	65,9	67,9	53 300	33 000	81 900	71 000	115 400 *	109 100	32,0
34,0	64,1	66,9	48 400	29 500	75 200	65 100	107 300 *	100 800	34,0
36,0	62,3	65,9	44 200	26 300	69 300	59 800	100 100 *	93 400	36,0
38,0	60,5	64,8	40 500	23 500	64 100	55 100	93 400	86 800	38,0
40,0	58,6	63,5	37 200	21 000	59 500	50 900	87 200	80 900	40,0
42,0	56,7	62,2	34 200	18 700	55 400	47 100	81 600	75 500	42,0
44,0	54,8	60,8	31 600	16 700	51 600	43 700	76 600	70 700	44,0
46,0	52,8	59,3	29 200	14 800	48 300	40 600	72 000	66 400	46,0
48,0	50,7	57,7	26 900	13 100	45 200	37 700	67 900	62 400	48,0
50,0	48,6	55,9	24 900	11 500	42 400	35 100	64 100	58 700	50,0
52,0	46,4	54,0	23 000	10 100	39 800	32 700	60 600	55 400	52,0
54,0	44,2	52,0	21 300	8 700	37 400	30 400	57 300	52 200	54,0
56,0	41,8	49,8	19 700	7 500	35 200	28 400	54 400	49 300	56,0
58,0	39,3	47,3	18 200	6 300	33 100	26 400	51 600	46 600	58,0
60,0	36,6	44,7	16 900	5 200	31 200	24 700	49 100	44 100	60,0
62,0	33,8	41,8	15 600	4 200	29 400	22 900	46 700	41 700	62,0
64,0	30,7	38,5	14 300	3 200	27 800	21 400	44 400	39 500	64,0
66,0	27,4	34,7	13 200	2 300	26 200	19 800	42 300	37 400	66,0
68,0	23,5	30,4	12 100	1 400	24 700	18 400	40 300	35 400	68,0
70,0	19,0	25,0	11 100		23 300	17 000	38 400	33 500	70,0

58 HL



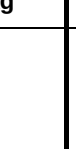
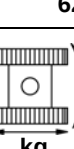
150 590 kg
+
54 430 kg

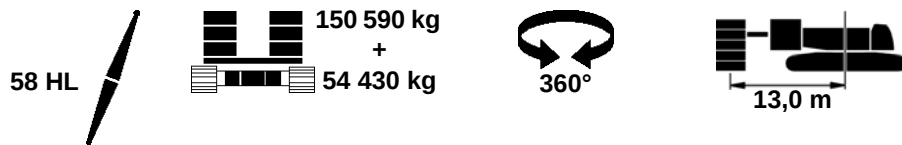
360°

13,0 m



78,0 m

 m	 °	 m	 0 kg	 62 530 kg		 142 360 kg		 222 190 kg		 m
			kg	kg	kg	kg	kg	kg	kg	
12,2	83,0	79,9	205 100 *	145 600	205 100 *					12,2
14,0	81,7	79,7	181 400	119 400	203 500 *					14,0
16,0	80,2	79,3	147 400	98 500	197 800 *					16,0
18,0	78,7	78,9	124 100	82 900	177 000 *	156 300	198 900 *			18,0
20,0	77,2	78,5	106 400	70 900	155 900	135 100	195 200 *			20,0
22,0	75,6	77,9	92 600	61 200	136 900	118 900	175 500 *			22,0
24,0	74,1	77,4	81 500	53 400	121 400	105 700	159 700 *	159 000	188 700 *	24,0
26,0	72,6	76,7	72 400	46 800	108 700	94 700	146 200 *	142 800	174 000 *	26,0
28,0	71,0	76,1	64 800	41 300	98 100	85 500	134 500 *	129 700	160 400 *	28,0
30,0	69,5	75,3	58 400	36 600	89 200	77 500	124 000 *	118 600	148 700 *	30,0
32,0	67,9	74,5	52 800	32 500	81 400	70 600	114 800 *	108 900	138 400 *	32,0
34,0	66,3	73,6	48 000	28 900	74 700	64 600	106 800 *	100 400	129 200 *	34,0
36,0	64,6	72,7	43 800	25 800	68 900	59 300	99 600 *	93 000	121 100 *	36,0
38,0	63,0	71,6	40 100	22 900	63 700	54 600	93 000	86 400	113 800 *	38,0
40,0	61,3	70,5	36 800	20 400	59 000	50 400	86 700	80 500	107 200 *	40,0
42,0	59,6	69,4	33 800	18 200	54 900	46 600	81 200	75 100	101 200 *	42,0
44,0	57,9	68,1	31 100	16 100	51 200	43 200	76 100	70 300	95 800 *	44,0
46,0	56,1	66,8	28 700	14 300	47 800	40 100	71 500	65 900	90 800 *	46,0
48,0	54,3	65,3	26 500	12 500	44 700	37 200	67 400	61 900	86 300 *	48,0
50,0	52,4	63,8	24 400	11 000	41 900	34 600	63 600	58 300	82 000 *	50,0
52,0	50,5	62,2	22 600	9 500	39 300	32 200	60 100	54 900	78 200 *	52,0
54,0	48,6	60,4	20 900	8 200	36 900	29 900	56 900	51 800	74 500 *	54,0
56,0	46,6	58,5	19 300	6 900	34 700	27 900	53 900	48 900	71 000 *	56,0
58,0	44,5	56,5	17 800	5 800	32 700	25 900	51 200	46 200	67 800 *	58,0
60,0	42,3	54,3	16 400	4 700	30 800	24 100	48 600	43 700	64 800 *	60,0
62,0	40,0	52,0	15 100	3 600	29 000	22 500	46 200	41 300	62 000 *	62,0
64,0	37,6	49,4	13 900	2 700	27 400	20 900	44 000	39 100	59 400 *	64,0
66,0	35,1	46,6	12 800	1 800	25 800	19 400	41 900	37 000	56 900 *	66,0
68,0	32,4	43,5	11 700	900	24 300	18 000	39 900	35 100	54 600 *	68,0
70,0	29,5	40,0	10 700		22 900	16 700	38 100	33 200	52 400 *	70,0
72,0	26,2	36,1	9 800		21 600	15 400	36 300	31 500	50 300 *	72,0
74,0	22,6	31,5	8 900		20 400	14 200	34 600	29 800	48 200 *	74,0
76,0	18,2	25,9	7 800 *		19 200	13 000	33 000	28 200	45 200 *	76,0



 m	 °	 m	 0 kg	 62 530 kg	 142 360 kg	 222 190 kg	 m
			 kg	 kg	 kg	 kg	
13,7	82,5	85,8	177 000 *	123 100	177 000 *		13,7
14,0	82,3	85,7	173 500	119 900	177 000 *		14,0
16,0	80,9	85,4	148 100	98 300	177 000 *		16,0
18,0	79,5	85,1	123 600	82 500	173 200 *	153 500	18,0
20,0	78,1	84,6	105 900	70 400	155 100	176 800 *	20,0
22,0	76,7	84,2	92 000	60 600	136 400	172 500 *	22,0
24,0	75,3	83,6	80 900	52 700	120 800	159 300 *	24,0
26,0	73,9	83,0	71 800	46 200	108 100	145 400 *	26,0
28,0	72,4	82,4	64 200	40 600	97 500	133 700 *	28,0
30,0	71,0	81,7	57 700	35 800	88 500	123 200 *	30,0
32,0	69,5	81,0	52 200	31 700	80 800	114 000 *	32,0
34,0	68,1	80,2	47 400	28 100	74 100	105 900 *	34,0
36,0	66,6	79,3	43 200	24 900	68 200	98 800 *	36,0
38,0	65,1	78,3	39 400	22 100	63 000	92 300	38,0
40,0	63,5	77,3	36 100	19 600	58 400	86 100	40,0
42,0	62,0	76,3	33 100	17 300	54 200	80 500	42,0
44,0	60,4	75,2	30 400	15 200	50 500	75 400	44,0
46,0	58,8	73,9	28 000	13 400	47 100	70 900	46,0
48,0	57,2	72,7	25 800	11 700	44 000	66 700	48,0
50,0	55,6	71,3	23 700	10 100	41 200	62 900	50,0
52,0	53,9	69,8	21 900	8 600	38 600	59 400	52,0
54,0	52,1	68,3	20 200	7 300	36 200	56 200	54,0
56,0	50,4	66,6	18 600	6 000	34 000	53 200	56,0
58,0	48,6	64,9	17 100	4 800	32 000	50 500	58,0
60,0	46,7	63,0	15 700	3 800	30 100	47 900	60,0
62,0	44,8	61,0	14 400	2 800	28 300	45 500	62,0
64,0	42,8	58,8	13 200	1 800	26 600	43 300	64,0
66,0	40,7	56,5	12 100		25 100	41 200	66,0
68,0	38,5	54,0	11 000		23 600	39 200	68,0
70,0	36,2	51,3	10 000		22 200	37 400	70,0
72,0	33,8	48,4	9 100		20 900	35 600	72,0
74,0	31,2	45,2	8 000 *		19 700	34 000	74,0
76,0	28,4	41,5	7 000 *		18 500	32 400	76,0
78,0	25,2	37,4	6 000 *		17 400	30 900	78,0
80,0	21,7	32,7	5 000 *		16 300	29 500	80,0
82,0	17,5	26,8	4 100 *		15 200 *	28 100	82,0

58 HL



150 590 kg
+
54 430 kg

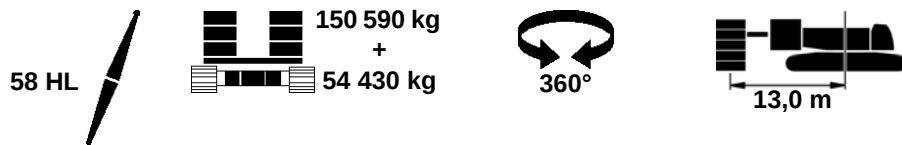
360°

13,0 m



90,0 m

 m	 °	 m	 0 kg	 62 530 kg		 142 360 kg		 222 190 kg		 m
			kg	kg	kg	kg	kg	kg	kg	
13,7	83,0	91,8	148 400 *	123 600	148 400 *					13,7
14,0	82,8	91,8	148 400 *	120 300	148 400 *					14,0
16,0	81,5	91,5	142 800	98 400	148 400 *					16,0
18,0	80,2	91,2	124 100	82 600	148 400 *					18,0
20,0	78,9	90,8	105 600	70 300	147 600					20,0
22,0	77,6	90,3	91 700	60 500	137 100	119 000	147 800 *			22,0
24,0	76,3	89,8	80 600	52 500	120 500	105 200	145 300 *			24,0
26,0	75,0	89,3	71 500	45 900	107 800	94 100	142 300 *			26,0
28,0	73,6	88,7	63 900	40 300	97 200	84 700	133 600 *			28,0
30,0	72,3	88,1	57 400	35 500	88 200	76 700	122 800 *	118 700	137 000 *	30,0
32,0	71,0	87,4	51 900	31 300	80 500	69 700	113 600 *	108 200	134 400 *	32,0
34,0	69,6	86,6	47 000	27 700	73 700	63 700	105 500 *	99 700	128 200 *	34,0
36,0	68,2	85,8	42 800	24 500	67 800	58 300	98 300 *	92 200	119 800 *	36,0
38,0	66,8	85,0	39 000	21 700	62 700	53 600	91 900	85 500	112 500 *	38,0
40,0	65,4	84,0	35 700	19 200	58 000	49 300	85 700	79 500	105 900 *	40,0
42,0	64,0	83,1	32 700	16 900	53 900	45 500	80 100	74 200	99 900 *	42,0
44,0	62,6	82,0	30 100	14 800	50 100	42 000	75 100	69 300	94 500 *	44,0
46,0	61,1	80,9	27 600	12 900	46 800	38 900	70 500	64 900	89 500 *	46,0
48,0	59,7	79,7	25 400	11 200	43 700	36 000	66 300	60 900	85 000 *	48,0
50,0	58,2	78,5	23 400	9 700	40 800	33 400	62 500	57 200	80 800 *	50,0
52,0	56,6	77,2	21 500	8 200	38 300	30 900	59 100	53 800	76 900 *	52,0
54,0	55,1	75,8	19 800	6 800	35 900	28 700	55 800	50 700	73 300 *	54,0
56,0	53,5	74,3	18 200	5 600	33 700	26 600	52 900	47 800	69 800 *	56,0
58,0	51,9	72,8	16 700	4 400	31 600	24 700	50 100	45 100	66 600 *	58,0
60,0	50,2	71,1	15 400	3 300	29 700	22 900	47 600	42 500	63 600 *	60,0
62,0	48,5	69,3	14 100	2 300	27 900	21 200	45 200	40 200	60 900 *	62,0
64,0	46,8	67,5	12 900	1 400	26 300	19 700	43 000	38 000	58 200 *	64,0
66,0	45,0	65,5	11 800		24 700	18 200	40 800	35 900	55 800 *	66,0
68,0	43,1	63,3	10 700		23 300	16 800	38 900	34 000	53 500 *	68,0
70,0	41,2	61,1	9 700		21 900	15 500	37 100	32 200	51 300 *	70,0
72,0	39,2	58,7	8 600 *		20 600	14 200	35 300	30 400	49 200 *	72,0
74,0	37,1	56,0	7 600 *		19 400	13 100	33 600	28 800	47 300 *	74,0
76,0	34,9	53,2	6 500 *		18 200	11 900	32 100	27 200	45 400 *	76,0
78,0	32,6	50,1	5 600 *		17 100	10 900	30 600	25 700	43 700 *	78,0
80,0	30,1	46,7	4 600 *		16 100	9 900	29 200	24 300	42 000 *	80,0
82,0	27,4	43,0	3 800 *		14 900 *	8 900	27 900	23 000	40 400 *	82,0
84,0	24,4	38,7			13 800 *	7 900	26 600	21 700	38 800 *	84,0
88,0	16,9	27,6			11 600 *	6 100	24 200	19 200	33 800 *	88,0



 m	 °	 m	 0 kg	 62 530 kg	 142 360 kg	 222 190 kg	 m
			 kg	 kg	 kg	 kg	
15,2	82,5	97,7	126 900 *	105 800	126 900 *		15,2
16,0	82,0	97,6	126 900 *	98 700	126 900 *		16,0
18,0	80,8	97,2	121 300	82 100	126 900 *		18,0
20,0	79,6	96,9	105 000	69 700	126 900 *		20,0
22,0	78,4	96,5	91 100	59 800	126 900 *		22,0
24,0	77,2	96,0	80 000	51 800	119 700	105 600	24,0
26,0	75,9	95,5	70 800	45 100	107 100	93 500	26,0
28,0	74,7	94,9	63 200	39 400	96 500	84 000	28,0
30,0	73,4	94,4	56 700	34 600	87 500	75 900	30,0
32,0	72,2	93,7	51 100	30 400	79 700	69 000	32,0
34,0	70,9	93,0	46 300	26 800	73 000	62 800	34,0
36,0	69,7	92,3	42 000	23 600	67 100	57 400	36,0
38,0	68,4	91,5	38 300	20 700	61 900	52 700	38,0
40,0	67,1	90,6	35 000	18 200	57 300	48 400	40,0
42,0	65,8	89,7	32 000	15 900	53 100	44 500	42,0
44,0	64,4	88,8	29 300	13 800	49 300	41 100	44,0
46,0	63,1	87,7	26 800	11 900	45 900	37 900	46,0
48,0	61,7	86,7	24 600	10 200	42 900	35 000	48,0
50,0	60,4	85,5	22 600	8 600	40 000	32 400	50,0
52,0	59,0	84,3	20 700	7 100	37 500	30 000	52,0
54,0	57,6	83,1	19 000	5 800	35 100	27 700	54,0
56,0	56,1	81,7	17 400	4 500	32 900	25 600	56,0
58,0	54,7	80,3	15 900	3 400	30 800	23 700	58,0
60,0	53,2	78,8	14 500	2 300	28 900	21 900	60,0
62,0	51,7	77,2	13 300	1 300	27 100	20 200	62,0
64,0	50,1	75,6	12 100		25 500	18 600	64,0
66,0	48,5	73,8	10 900		24 000	17 200	66,0
68,0	46,9	71,9	9 900		22 500	15 800	68,0
70,0	45,2	70,0	8 700 *		21 100	14 500	70,0
72,0	43,5	67,9	7 500 *		19 800	13 200	72,0
74,0	41,7	65,6	6 500 *		18 600	12 100	74,0
76,0	39,8	63,3	5 400 *		17 400	10 900	76,0
78,0	37,9	60,7	4 500 *		16 300 *	9 900	78,0
80,0	35,9	58,0	3 600 *		15 100 *	8 900	80,0
82,0	33,7	55,0			13 900 *	7 900	82,0
84,0	31,5	51,8			12 800 *	7 000	84,0
88,0	26,4	44,4			10 700 *	5 300	88,0
92,0	20,2	34,8			8 700 *	3 600	92,0

58 HL



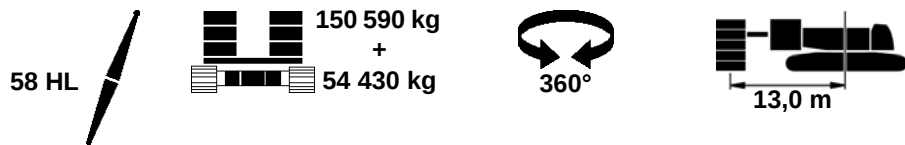
150 590 kg
+
54 430 kg

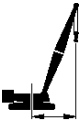
360°

13,0 m

102,0 m

 m	 o	 m	62 530 kg		142 360 kg		222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	
18,0	81,4	103,3	82 700	107 800 *					18,0
20,0	80,2	103,0	69 500	107 800 *					20,0
22,0	79,1	102,6	59 500	107 700 *					22,0
24,0	77,9	102,2	51 400	107 600 *					24,0
26,0	76,8	101,7	44 700	107 000	93 400	107 500 *			26,0
28,0	75,6	101,2	39 000	96 100	83 800	107 300 *			28,0
30,0	74,4	100,6	34 200	87 000	75 600	106 500 *			30,0
32,0	73,3	100,0	30 000	79 300	68 600	105 800 *			32,0
34,0	72,1	99,4	26 300	72 600	62 400	104 100 *			34,0
36,0	70,9	98,7	23 100	66 600	57 000	97 000 *	91 500	104 200 *	36,0
38,0	69,7	97,9	20 200	61 400	52 200	90 600 *	84 300	103 500 *	38,0
40,0	68,5	97,1	17 600	56 800	47 900	84 500	78 300	102 500 *	40,0
42,0	67,3	96,3	15 300	52 600	44 100	78 900	72 900	98 800 *	42,0
44,0	66,1	95,4	13 200	48 900	40 600	73 800	68 000	93 100 *	44,0
46,0	64,8	94,5	11 400	45 500	37 400	69 200	63 600	88 100 *	46,0
48,0	63,6	93,5	9 600	42 400	34 500	65 100	59 500	83 500 *	48,0
50,0	62,3	92,4	8 000	39 600	31 900	61 300	55 800	79 300 *	50,0
52,0	61,0	91,3	6 600	37 000	29 400	57 800	52 400	75 400 *	52,0
54,0	59,7	90,2	5 200	34 600	27 200	54 600	49 200	71 900 *	54,0
56,0	58,4	88,9	4 000	32 400	25 100	51 600	46 300	68 400 *	56,0
58,0	57,0	87,6	2 800	30 300	23 200	48 900	43 600	65 200 *	58,0
60,0	55,7	86,2	1 700	28 500	21 400	46 300	41 100	62 300 *	60,0
62,0	54,3	84,8		26 700	19 700	43 900	38 700	59 500 *	62,0
64,0	52,9	83,3		25 000	18 100	41 700	36 500	56 900 *	64,0
66,0	51,5	81,7		23 500	16 700	39 600	34 500	54 400 *	66,0
68,0	50,0	80,0		22 000	15 300	37 600	32 500	52 100 *	68,0
70,0	48,5	78,3		20 700	13 900	35 800	30 700	49 900 *	70,0
72,0	47,0	76,4		19 400	12 700	34 100	29 000	47 900 *	72,0
74,0	45,4	74,4		18 100	11 500	32 400	27 300	45 900 *	74,0
76,0	43,8	72,4		16 900	10 400	30 900	25 800	44 100 *	76,0
78,0	42,1	70,2		15 700 *	9 400	29 400	24 300	42 300 *	78,0
80,0	40,4	67,8		14 500 *	8 400	28 000	22 900	40 700 *	80,0
82,0	38,6	65,3		13 300 *	7 400	26 700	21 600	39 100 *	82,0
84,0	36,7	62,7		12 200 *	6 500	25 400	20 300	37 600 *	84,0
88,0	32,7	56,8		10 100 *	4 800	23 000 *	17 900	34 700 *	88,0
92,0	28,2	49,8		8 200 *	3 200	20 500 *	15 800	32 200 *	92,0
96,0	22,8	41,1		6 400 *	1 700	18 200 *	13 700	28 600 *	96,0



 m	 °	 m	 62 530 kg		 142 360 kg		 222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	
18,0	81,8	109,4	80 400	92 900 *					18,0
20,0	80,8	109,1	69 000	92 900 *					20,0
22,0	79,7	108,7	58 900	92 800 *					22,0
24,0	78,6	108,3	50 700	92 700 *					24,0
26,0	77,5	107,9	43 900	92 400 *					26,0
28,0	76,4	107,4	38 200	91 600					28,0
30,0	75,3	106,9	33 300	87 000	75 200	91 000 *			30,0
32,0	74,2	106,3	29 100	78 600	67 800	90 400 *			32,0
34,0	73,1	105,7	25 400	71 800	61 700	89 700 *			34,0
36,0	72,0	105,0	22 200	65 900	56 200	89 000 *			36,0
38,0	70,9	104,3	19 300	60 700	51 400	88 300 *			38,0
40,0	69,8	103,6	16 700	56 000	47 100	83 900	77 900	87 600 *	40,0
42,0	68,6	102,8	14 400	51 900	43 200	78 100	72 100	87 000 *	42,0
44,0	67,5	102,0	12 300	48 100	39 700	73 100	67 200	86 300 *	44,0
46,0	66,3	101,1	10 400	44 800	36 500	68 500	62 700	85 500 *	46,0
48,0	65,1	100,2	8 700	41 600	33 600	64 300	58 700	82 900 *	48,0
50,0	64,0	99,2	7 100	38 800	31 000	60 500	54 900	78 500 *	50,0
52,0	62,8	98,2	5 600	36 200	28 500	57 000	51 500	74 600 *	52,0
54,0	61,6	97,1	4 300	33 800	26 300	53 800	48 400	71 000 *	54,0
56,0	60,3	95,9	3 000	31 700	24 200	50 800	45 400	67 600 *	56,0
58,0	59,1	94,7	1 900	29 600	22 300	48 100	42 700	64 400 *	58,0
60,0	57,8	93,5		27 700	20 500	45 500	40 200	61 500 *	60,0
62,0	56,6	92,2		25 900	18 800	43 100	37 800	58 700 *	62,0
64,0	55,3	90,8		24 300	17 200	40 900	35 600	56 000 *	64,0
66,0	54,0	89,3		22 700	15 700	38 800	33 500	53 600 *	66,0
68,0	52,6	87,8		21 200	14 300	36 900	31 600	51 300 *	68,0
70,0	51,3	86,2		19 900	13 000	35 000	29 800	49 100 *	70,0
72,0	49,9	84,5		18 600	11 700	33 300	28 000	47 100 *	72,0
74,0	48,5	82,7		17 300 *	10 600	31 600	26 400	45 100 *	74,0
76,0	47,0	80,9		15 900 *	9 500	30 100	24 900	43 300 *	76,0
78,0	45,5	78,9		14 700 *	8 400	28 600	23 400	41 500 *	78,0
80,0	44,0	76,9		13 400 *	7 400	27 200	22 000	39 800 *	80,0
82,0	42,5	74,7		12 300 *	6 500	25 900	20 700	38 300 *	82,0
84,0	40,8	72,4		11 200 *	5 600	24 600	19 400	36 800 *	84,0
88,0	37,4	67,4		9 100 *	3 900	22 000 *	17 000	33 900 *	88,0
92,0	33,7	61,7		7 200 *	2 300	19 500 *	14 900	31 400 *	92,0
96,0	29,6	55,0		5 400 *	900	17 200 *	12 900	28 900 *	96,0
100,0	24,9	47,0		3 900 *		15 100 *	11 000	25 900 *	100,0
104,0	19,0	36,8				13 100 *	9 300	22 000 *	104,0

58 HL



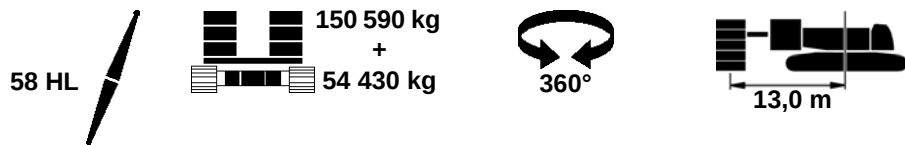
150 590 kg
+
54 430 kg

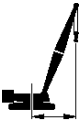
360°

13,0 m

114,0 m

 m	 o	 m	 62 530 kg		 142 360 kg		 222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	
20,0	81,3	115,2	69 000	79 500 *					20,0
22,0	80,2	114,8	58 500	79 500 *					22,0
24,0	79,2	114,4	50 200	79 300 *					24,0
26,0	78,2	114,0	43 400	78 800 *					26,0
28,0	77,2	113,6	37 700	78 200 *					28,0
30,0	76,1	113,1	32 800	77 600 *					30,0
32,0	75,1	112,5	28 500	77 000 *	67 400	77 000 *			32,0
34,0	74,0	111,9	24 800	71 400	61 100	76 300 *			34,0
36,0	73,0	111,3	21 600	65 400	55 700	75 700 *			36,0
38,0	71,9	110,7	18 700	60 200	50 800	75 100 *			38,0
40,0	70,9	110,0	16 100	55 500	46 500	74 500 *			40,0
42,0	69,8	109,2	13 800	51 400	42 600	73 900 *			42,0
44,0	68,7	108,5	11 700	47 600	39 100	72 300			44,0
46,0	67,6	107,6	9 800	44 200	35 900	68 000	62 200	72 700 *	46,0
48,0	66,5	106,8	8 000	41 100	33 000	63 800	58 100	72 100 *	48,0
50,0	65,4	105,9	6 400	38 300	30 400	60 000	54 400	71 400 *	50,0
52,0	64,3	104,9	4 900	35 700	27 900	56 500	50 900	70 800 *	52,0
54,0	63,2	103,9	3 600	33 300	25 700	53 300	47 800	69 900 *	54,0
56,0	62,0	102,8	2 300	31 100	23 600	50 300	44 900	67 100 *	56,0
58,0	60,9	101,7		29 000	21 600	47 600	42 200	63 800 *	58,0
60,0	59,7	100,5		27 200	19 800	45 000	39 600	60 900 *	60,0
62,0	58,6	99,3		25 400	18 100	42 600	37 200	58 100 *	62,0
64,0	57,4	98,0		23 700	16 600	40 400	35 000	55 500 *	64,0
66,0	56,1	96,7		22 200	15 100	38 300	33 000	53 000 *	66,0
68,0	54,9	95,3		20 700	13 700	36 300	31 000	50 700 *	68,0
70,0	53,7	93,8		19 300	12 400	34 500	29 200	48 500 *	70,0
72,0	52,4	92,3		18 000 *	11 100	32 700	27 400	46 500 *	72,0
74,0	51,1	90,7		16 500 *	9 900	31 100	25 800	44 500 *	74,0
76,0	49,8	89,0		15 200 *	8 900	29 500	24 300	42 700 *	76,0
78,0	48,5	87,2		13 900 *	7 800	28 100	22 800	40 900 *	78,0
80,0	47,1	85,4		12 700 *	6 800	26 700	21 400	39 300 *	80,0
82,0	45,7	83,4		11 600 *	5 900	25 400	20 100	37 700 *	82,0
84,0	44,3	81,4		10 500 *	4 900	24 000 *	18 800	36 200 *	84,0
88,0	41,3	77,0		8 400 *	3 200	21 300 *	16 500	33 400 *	88,0
92,0	38,1	72,0		6 500 *	1 700	18 800 *	14 300	30 800 *	92,0
96,0	34,6	66,5		4 800 *		16 600 *	12 300	28 300 *	96,0
100,0	30,8	60,1				14 500 *	10 500	25 700 *	100,0
104,0	26,6	52,6				12 500 *	8 800	23 300 *	104,0
108,0	21,5	43,4				10 700 *	7 100	16 900 *	108,0



 m	 °	 m	 62 530 kg		 142 360 kg		 222 190 kg		 m
			 kg	 kg	 kg	 kg	 kg	 kg	
22,0	80,7	120,9	58 400	68 800 *					22,0
24,0	79,8	120,6	49 300	68 600 *					24,0
26,0	78,8	120,2	42 400	68 200 *					26,0
28,0	77,8	119,7	36 600	67 700 *					28,0
30,0	76,8	119,2	31 700	67 100 *					30,0
32,0	75,8	118,7	27 400	66 500 *					32,0
34,0	74,9	118,2	23 700	66 000 *					34,0
36,0	73,9	117,6	20 400	64 200	54 900	65 000 *			36,0
38,0	72,9	117,0	17 500	59 300	49 800	63 500 *			38,0
40,0	71,9	116,3	14 900	54 600	45 400	62 300 *			40,0
42,0	70,8	115,6	12 600	50 400	41 500	61 100 *			42,0
44,0	69,8	114,9	10 500	46 700	38 000	59 900 *			44,0
46,0	68,8	114,1	8 600	43 300	34 800	58 800 *			46,0
48,0	67,8	113,3	6 800	40 200	31 900	57 600 *			48,0
50,0	66,7	112,4	5 200	37 300	29 200	56 400 *			50,0
52,0	65,7	111,5	3 800	34 700	26 800	55 100			52,0
54,0	64,6	110,6	2 400	32 300	24 500	52 400	46 700	54 000 *	54,0
56,0	63,6	109,6	1 100	30 100	22 400	49 300	43 700	52 800 *	56,0
58,0	62,5	108,6		28 100	20 500	46 600	41 000	51 600 *	58,0
60,0	61,4	107,5		26 200	18 600	44 000	38 400	50 400 *	60,0
62,0	60,3	106,3		24 400	16 900	41 600	36 100	49 200 *	62,0
64,0	59,2	105,1		22 800	15 400	39 400	33 900	48 000 *	64,0
66,0	58,1	103,9		21 200	13 900	37 300	31 800	46 800 *	66,0
68,0	56,9	102,6		19 700	12 500	35 400	29 800	45 700 *	68,0
70,0	55,8	101,2		18 200 *	11 200	33 500	28 000	44 500 *	70,0
72,0	54,6	99,8		16 700 *	9 900	31 800	26 300	43 300 *	72,0
74,0	53,4	98,3		15 300 *	8 800	30 200	24 600	42 100 *	74,0
76,0	52,2	96,8		13 900 *	7 600	28 600	23 100	40 900 *	76,0
78,0	51,0	95,2		12 700 *	6 600	27 100	21 600	39 700 *	78,0
80,0	49,7	93,5		11 400 *	5 600	25 700 *	20 200	38 300 *	80,0
82,0	48,4	91,7		10 300 *	4 700	24 200 *	18 900	36 700 *	82,0
84,0	47,1	89,8		9 200 *	3 700	22 700 *	17 600	35 200 *	84,0
88,0	44,5	85,9		7 100 *	2 100	20 000 *	15 300	32 400 *	88,0
92,0	41,6	81,5		5 300 *		17 600 *	13 100	29 800 *	92,0
96,0	38,6	76,7		3 500 *		15 300 *	11 200	27 000 *	96,0
100,0	35,4	71,3				13 200 *	9 300	24 400 *	100,0
104,0	31,9	65,1				11 300 *	7 600	22 100 *	104,0
108,0	28,0	58,0				9 500 *	6 100	19 800 *	108,0
112,0	23,5	49,5				7 800 *	4 600	17 300 *	112,0
116,0	18,0	38,7				6 200 *	3 200	14 000 *	116,0