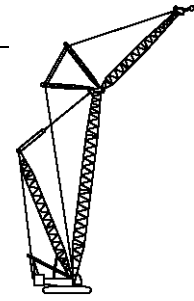


Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
0 kg Wheeled Counterweight
360 Degree Rating



16000 MAX-ER



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4,0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 4 310 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 7 260 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b) or (c) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

Upper luffing jib 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 luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are 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 mast up and bearing turntable level within a tolerance of 13 mm in 3 m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, and Luffing Jib Raising Procedure chart **No. 8774-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.

WIND CONDITIONS: Machine may operate with full working load in wind speeds up to the maximum wind speed value provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed.

Wind speed to be measured at luffing jib point elevation. Refer to Wind Conditions Chart **No. 8688-A** for effect of wind on lifted load, additional maximum wind speeds when lifting percentage of full working load, and instructions for parking when wind speed exceeds maximum operating wind speed.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13 mm in 3 m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0,4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8775-A**.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0,4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2,5 seconds.



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



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts.



LUFFING JIB ANGLE: Luffing jib angle in degrees (°) is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

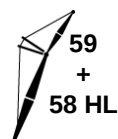


LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 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, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 150 590 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights, and wheeled counterweight as specified.

Boom and/or Jib Catwalks Deduct

Deduct 550 kg from capacities when boom and/or jib catwalks are attached.

Explanation of Symbols

Luffing Jib No. 59
+
Boom No. 58 Heavy Lift Top



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

Explanation of Symbols (continued)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



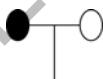
Luffing Jib Point Elevation
(see page 1)



Lifting Capacities
(see page 1)



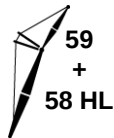
Wheeled Counterweight



Maximum Wind Speed
(see page 1)

16000 MAX-ER

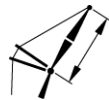
EN 13000



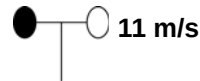
150 590 kg
+
54 430 kg



42,0 m

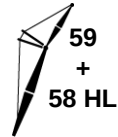


24,0 m



11 m/s

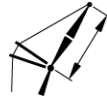
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
13,7	71,6	67,5	156 600 c							13,7
14,0	70,9	67,4	153 800 c							14,0
16,0	65,7	66,5	135 000 b							16,0
18,0	60,2	65,4	120 400 b	66,2	66,3	116 300 b				18,0
20,0	54,4	64,0	108 600	60,8	65,3	104 700 b	66,7	66,1	101 000 b	20,0
22,0	48,1	62,3	98 800	55,0	63,9	95 200	61,3	65,0	91 700 b	22,0
24,0	41,1	60,2	90 600	48,8	62,2	87 200	55,6	63,7	84 000	24,0
26,0	32,8	57,3	83 700	41,9	60,1	80 400	49,4	62,0	77 400	26,0
28,0	21,6	53,1	77 700	33,7	57,4	74 700	42,6	60,0	71 800	28,0
30,0				23,0	53,4	69 300	34,6	57,3	66 900	30,0
32,0							24,3	53,5	61 800	32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0



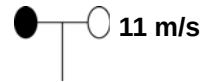
150 590 kg
+
54 430 kg



42,0 m



24,0 m

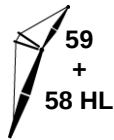


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	60,2	63,9	72 700 b							26,0
28,0	54,4	62,5	67 300							28,0
30,0	48,1	60,8	62 600							30,0
32,0	41,1	58,6	58 300	52,9	60,9	54 800				32,0
34,0	32,8	55,8	53 900	46,5	59,1	50 700				34,0
36,0	21,6	51,5	49 900	39,2	56,8	47 000				36,0
38,0				30,4	53,7	43 700	44,4	57,0	41 000	38,0
40,0							36,7	54,5	38 300	40,0
42,0							27,2	51,0	35 800	42,0
44,0							11,1	44,6	33 400	44,0

16000 MAX-ER

EN 13000



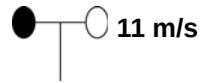
150 590 kg
+
54 430 kg



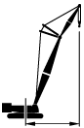
42,0 m

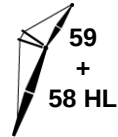


30,0 m



11 m/s

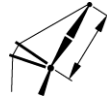
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
15,2	72,4	73,3	137 000 b							15,2
16,0	70,8	73,0	131 100 b							16,0
18,0	66,7	72,2	116 800 b							18,0
20,0	62,4	71,2	105 400	67,1	72,0	101 600 b				20,0
22,0	57,9	70,0	96 000	62,8	71,0	92 500				22,0
24,0	53,2	68,5	88 000	58,4	69,8	84 800	63,3	70,8	81 700	24,0
26,0	48,1	66,8	81 300	53,7	68,4	78 200	58,8	69,6	75 300	26,0
28,0	42,6	64,7	75 400	48,7	66,7	72 500	54,2	68,2	69 800	28,0
30,0	36,4	62,2	70 300	43,2	64,7	67 600	49,2	66,5	65 000	30,0
32,0	29,1	58,8	65 900	37,1	62,2	63 200	43,8	64,5	60 700	32,0
34,0	19,1	54,0	61 000	29,9	59,0	59 100	37,7	62,1	56 900	34,0
36,0				20,4	54,4	54 800	30,7	59,0	52 900	36,0
38,0							21,5	54,6	49 300	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



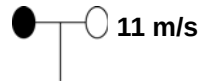
150 590 kg
+
54 430 kg



42,0 m

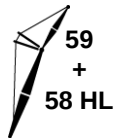


30,0 m



11 m/s

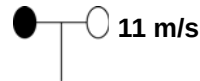
	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	57,9	68,4	60 900							30,0
32,0	53,2	67,0	56 800							32,0
34,0	48,1	65,3	53 300	56,8	66,9	49 800				34,0
36,0	42,6	63,2	49 800	52,0	65,4	46 600				36,0
38,0	36,4	60,6	46 300	46,8	63,6	43 400				38,0
40,0	29,1	57,3	43 300	41,2	61,4	40 500	50,5	63,4	37 800	40,0
42,0	19,1	52,5	40 500	34,8	58,7	37 900	45,2	61,5	35 400	42,0
44,0				27,0	55,2	35 600	39,3	59,2	33 200	44,0
46,0							32,6	56,3	31 200	46,0
48,0							24,1	52,3	29 400	48,0
50,0							9,7	45,0	27 500	50,0



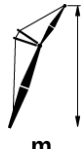
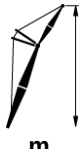
42,0 m

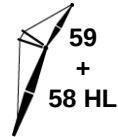


36,0 m



11 m/s

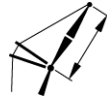
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
16,8	72,8	79,1	121 100 b							16,8
18,0	70,8	78,7	113 300 b							18,0
20,0	67,3	77,9	102 200							20,0
22,0	63,8	76,9	93 100	67,7	77,7	89 800				22,0
24,0	60,1	75,8	85 400	64,2	76,8	82 300				24,0
26,0	56,3	74,5	78 900	60,5	75,7	75 900	64,5	76,5	72 900	26,0
28,0	52,4	73,0	73 200	56,8	74,4	70 300	60,9	75,4	67 600	28,0
30,0	48,2	71,3	68 200	52,8	72,9	65 500	57,1	74,1	62 900	30,0
32,0	43,6	69,2	63 800	48,6	71,2	61 300	53,2	72,7	58 800	32,0
34,0	38,7	66,8	59 900	44,1	69,2	57 500	49,0	71,0	55 100	34,0
36,0	33,0	63,9	56 300	39,2	66,8	54 100	44,6	69,0	51 900	36,0
38,0	26,4	60,2	52 600	33,7	64,0	50 700	39,7	66,7	48 800	38,0
40,0	17,3	54,9	49 100	27,1	60,4	47 400	34,2	63,9	45 600	40,0
42,0				18,5	55,3	44 400	27,8	60,4	42 800	42,0
44,0							19,5	55,6	40 100	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0



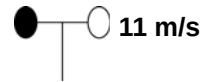
150 590 kg
+
54 430 kg



42,0 m



36,0 m

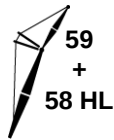


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,1	74,3	54 900							32,0
34,0	56,3	73,0	51 400							34,0
36,0	52,4	71,5	48 300							36,0
38,0	48,1	69,7	45 500							38,0
40,0	43,6	67,7	42 700	51,4	69,9	39 800				40,0
42,0	38,7	65,3	40 000	47,1	68,1	37 200				42,0
44,0	33,0	62,4	37 600	42,4	66,0	35 000	50,1	67,9	32 400	44,0
46,0	26,4	58,7	35 300	37,3	63,5	32 900	45,7	66,0	30 500	46,0
48,0	17,3	53,4	33 200	31,5	60,4	31 000	41,0	63,8	28 700	48,0
50,0				24,5	56,4	29 200	35,7	61,1	27 100	50,0
52,0							29,6	57,8	25 500	52,0
54,0							21,9	53,4	24 100	54,0

16000 MAX-ER

EN 13000



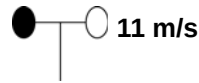
150 590 kg
+
54 430 kg



42,0 m

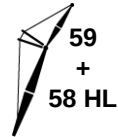


42,0 m



11 m/s

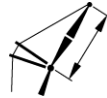
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
18,3	73,2	84,9	108 200 b							18,3
20,0	70,7	84,3	99 300							20,0
22,0	67,8	83,6	90 500							22,0
24,0	64,8	82,6	83 100	68,1	83,4	80 000				24,0
26,0	61,7	81,6	76 700	65,1	82,5	73 800				26,0
28,0	58,5	80,4	71 200	62,0	81,4	68 400	65,4	82,2	65 800	28,0
30,0	55,2	79,0	66 300	58,9	80,2	63 700	62,3	81,2	61 100	30,0
32,0	51,8	77,5	62 100	55,6	78,9	59 600	59,2	80,0	57 200	32,0
34,0	48,2	75,7	58 200	52,1	77,4	55 900	55,9	78,7	53 600	34,0
36,0	44,3	73,7	54 800	48,5	75,7	52 500	52,5	77,2	50 400	36,0
38,0	40,2	71,4	51 800	44,7	73,7	49 600	48,9	75,5	47 500	38,0
40,0	35,6	68,8	48 900	40,6	71,4	46 900	45,1	73,5	44 900	40,0
42,0	30,5	65,6	45 900	36,1	68,8	44 200	41,0	71,3	42 400	42,0
44,0	24,3	61,5	43 100	31,0	65,7	41 400	36,6	68,7	39 800	44,0
46,0	15,9	55,7	40 500	25,0	61,7	39 000	31,5	65,6	37 500	46,0
48,0				17,0	56,2	36 800	25,6	61,8	35 300	48,0
50,0							17,9	56,5	33 300	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0



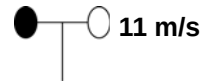
150 590 kg
+
54 430 kg



42,0 m



42,0 m

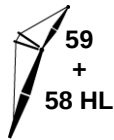


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,7	80,1	49 900							34,0
36,0	58,5	78,9	46 900							36,0
38,0	55,2	77,5	44 100							38,0
40,0	51,8	76,0	41 600							40,0
42,0	48,2	74,2	39 400	54,4	75,9	36 500				42,0
44,0	44,3	72,2	37 100	50,9	74,4	34 400				44,0
46,0	40,2	69,9	34 900	47,2	72,6	32 300				46,0
48,0	35,6	67,3	32 900	43,3	70,5	30 500	49,8	72,3	28 100	48,0
50,0	30,5	64,1	31 000	39,1	68,1	28 800	46,1	70,5	26 500	50,0
52,0	24,3	60,0	29 300	34,4	65,3	27 200	42,1	68,3	25 000	52,0
54,0	15,9	54,2	27 700	29,1	62,0	25 700	37,7	65,8	23 600	54,0
56,0				22,5	57,6	24 300	32,9	62,9	22 400	56,0
58,0							27,2	59,3	21 200	58,0
60,0							20,1	54,5	20 000	60,0

16000 MAX-ER

EN 13000



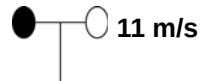
150 590 kg
+
54 430 kg



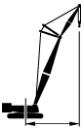
42,0 m

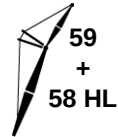


48,0 m



11 m/s

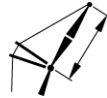
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
19,8	73,5	90,8	97 300							19,8
20,0	73,2	90,7	96 500							20,0
22,0	70,7	90,0	87 900							22,0
24,0	68,1	89,2	80 700							24,0
26,0	65,5	88,3	74 500	68,4	89,1	71 600				26,0
28,0	62,9	87,3	69 200	65,8	88,2	66 300				28,0
30,0	60,1	86,2	64 400	63,1	87,2	61 800	66,1	87,9	59 300	30,0
32,0	57,3	84,9	60 200	60,4	86,1	57 700	63,4	86,9	55 300	32,0
34,0	54,4	83,5	56 500	57,6	84,8	54 200	60,7	85,8	51 800	34,0
36,0	51,3	81,9	53 200	54,7	83,4	50 900	57,9	84,6	48 700	36,0
38,0	48,2	80,2	50 100	51,7	81,9	48 000	55,0	83,2	45 900	38,0
40,0	44,8	78,2	47 400	48,5	80,1	45 300	52,0	81,6	43 400	40,0
42,0	41,3	76,0	44 900	45,2	78,2	42 900	48,8	79,9	41 000	42,0
44,0	37,4	73,5	42 600	41,6	76,0	40 700	45,5	78,0	38 900	44,0
46,0	33,2	70,6	40 100	37,8	73,5	38 500	42,0	75,8	36 900	46,0
48,0	28,4	67,1	37 800	33,6	70,6	36 300	38,2	73,4	34 800	48,0
50,0	22,6	62,7	35 800	28,9	67,2	34 300	34,1	70,6	32 800	50,0
52,0	14,8	56,5	33 700	23,3	63,0	32 400	29,4	67,2	31 000	52,0
54,0				15,8	57,0	30 700	23,9	63,0	29 400	54,0
56,0							16,7	57,3	27 800	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0



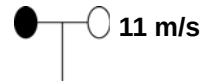
150 590 kg
+
54 430 kg



42,0 m



48,0 m



11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
19,8										19,8
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	60,1	84,7	42 500							38,0
40,0	57,3	83,4	40 100							40,0
42,0	54,4	82,0	37 900							42,0
44,0	51,3	80,4	35 900							44,0
46,0	48,2	78,7	34 100	53,6	80,4	31 300				46,0
48,0	44,8	76,7	32 200	50,6	78,8	29 700				48,0
50,0	41,3	74,5	30 400	47,4	77,0	28 000				50,0
52,0	37,4	72,0	28 700	44,0	75,0	26 400	49,6	76,8	24 200	52,0
54,0	33,2	69,1	27 200	40,3	72,7	25 000	46,3	74,9	22 800	54,0
56,0	28,4	65,6	25 800	36,4	70,1	23 700	42,9	72,9	21 600	56,0
58,0	22,6	61,2	24 400	32,1	67,1	22 400	39,2	70,5	20 400	58,0
60,0	14,8	55,0	23 100	27,1	63,4	21 200	35,1	67,8	19 300	60,0
62,0				21,0	58,7	20 100	30,6	64,5	18 300	62,0
64,0				12,1	51,5	19 100	25,4	60,6	17 400	64,0
66,0							18,8	55,5	16 400	66,0



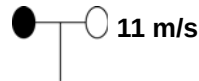
150 590 kg
+
54 430 kg



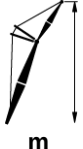
42,0 m

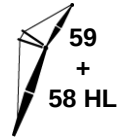


54,0 m



11 m/s

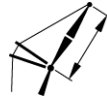
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
21,3	73,7	96,6	88 100							21,3
22,0	72,9	96,4	85 600							22,0
24,0	70,7	95,7	78 500							24,0
26,0	68,4	94,9	72 500							26,0
28,0	66,1	94,0	67 300	68,6	94,7	64 600				28,0
30,0	63,7	93,0	62 700	66,3	93,8	60 100				30,0
32,0	61,3	92,0	58 600	64,0	92,9	56 100	66,6	93,6	53 700	32,0
34,0	58,9	90,8	54 900	61,6	91,8	52 600	64,2	92,6	50 300	34,0
36,0	56,3	89,5	51 700	59,1	90,6	49 400	61,8	91,6	47 300	36,0
38,0	53,7	88,0	48 700	56,6	89,3	46 600	59,4	90,4	44 500	38,0
40,0	51,0	86,4	46 000	54,0	87,9	44 000	56,8	89,1	42 000	40,0
42,0	48,2	84,7	43 600	51,3	86,3	41 600	54,2	87,7	39 700	42,0
44,0	45,2	82,7	41 300	48,5	84,6	39 500	51,5	86,1	37 600	44,0
46,0	42,1	80,6	39 300	45,5	82,7	37 500	48,7	84,4	35 700	46,0
48,0	38,8	78,2	37 400	42,4	80,6	35 700	45,8	82,5	34 000	48,0
50,0	35,2	75,4	35 400	39,1	78,2	33 800	42,7	80,4	32 300	50,0
52,0	31,2	72,2	33 400	35,5	75,5	32 000	39,4	78,0	30 500	52,0
54,0	26,7	68,5	31 700	31,6	72,3	30 300	35,9	75,3	28 900	54,0
56,0	21,3	63,8	30 100	27,2	68,7	28 700	32,0	72,3	27 400	56,0
58,0				21,9	64,1	27 300	27,6	68,7	26 000	58,0
60,0				14,9	57,8	25 900	22,5	64,2	24 700	60,0
62,0							15,7	58,2	23 400	62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0



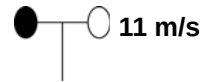
150 590 kg
+
54 430 kg



42,0 m



54,0 m

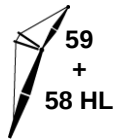


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
21,3										21,3
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	61,3	90,4	38 800							40,0
42,0	58,9	89,3	36 600							42,0
44,0	56,3	87,9	34 700							44,0
46,0	53,7	86,5	32 900							46,0
48,0	51,0	84,9	31 200	55,7	86,4	28 600				48,0
50,0	48,2	83,2	29 700	53,0	84,9	27 100				50,0
52,0	45,2	81,2	28 200	50,3	83,3	25 800				52,0
54,0	42,1	79,1	26 600	47,5	81,5	24 400				54,0
56,0	38,8	76,6	25 200	44,5	79,5	23 100	49,5	81,3	20 900	56,0
58,0	35,2	73,9	23 900	41,3	77,3	21 800	46,6	79,4	19 800	58,0
60,0	31,2	70,7	22 700	37,9	74,8	20 700	43,5	77,4	18 700	60,0
62,0	26,7	67,0	21 500	34,2	72,0	19 600	40,3	75,1	17 700	62,0
64,0	21,3	62,3	20 400	30,1	68,7	18 600	36,8	72,5	16 800	64,0
66,0	13,9	55,7	19 400	25,5	64,8	17 600	33,0	69,5	15 900	66,0
68,0				19,7	59,8	16 700	28,8	66,1	15 100	68,0
70,0				11,4	52,1	15 800	23,9	61,9	14 300	70,0
72,0							17,6	56,4	13 500	72,0

16000 MAX-ER

EN 13000



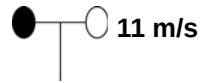
150 590 kg
+
54 430 kg



42,0 m

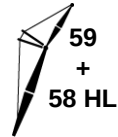


60,0 m



11 m/s

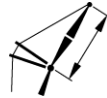
	 86°			 83°			 80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
22,9	73,8	102,4	79 900 *							22,9
24,0	72,7	102,0	76 300							24,0
26,0	70,7	101,3	70 500							26,0
28,0	68,6	100,6	65 300							28,0
30,0	66,5	99,7	60 900	68,8	100,4	58 300				30,0
32,0	64,4	98,8	56 900	66,8	99,5	54 400				32,0
34,0	62,3	97,7	53 300	64,7	98,6	51 000	67,0	99,2	48 700	34,0
36,0	60,1	96,6	50 100	62,5	97,6	47 900	64,9	98,3	45 700	36,0
38,0	57,8	95,3	47 200	60,3	96,4	45 100	62,7	97,3	43 000	38,0
40,0	55,5	94,0	44 600	58,1	95,2	42 500	60,5	96,2	40 500	40,0
42,0	53,2	92,5	42 200	55,8	93,9	40 200	58,3	95,0	38 300	42,0
44,0	50,7	90,9	40 000	53,4	92,4	38 100	56,0	93,6	36 200	44,0
46,0	48,2	89,1	38 000	51,0	90,8	36 200	53,6	92,2	34 400	46,0
48,0	45,5	87,2	36 100	48,4	89,1	34 300	51,2	90,6	32 700	48,0
50,0	42,7	85,1	34 400	45,8	87,2	32 700	48,7	88,9	31 000	50,0
52,0	39,8	82,8	32 800	43,0	85,1	31 200	46,1	87,0	29 500	52,0
54,0	36,7	80,2	31 200	40,1	82,8	29 700	43,3	84,9	28 200	54,0
56,0	33,3	77,2	29 500	37,0	80,2	28 200	40,4	82,6	26 800	56,0
58,0	29,5	73,8	28 100	33,6	77,3	26 700	37,3	80,1	25 400	58,0
60,0	25,2	69,8	26 600	29,9	73,9	25 400	34,0	77,2	24 100	60,0
62,0	20,1	64,9	25 300	25,7	70,0	24 100	30,3	73,9	22 900	62,0
64,0	13,2	57,8	24 000	20,7	65,2	22 900	26,2	70,1	21 700	64,0
66,0				14,0	58,5	21 800	21,3	65,3	20 700	66,0
68,0							14,8	58,9	19 600	68,0
70,0										70,0
72,0										72,0
74,0										74,0
76,0										76,0
78,0										78,0



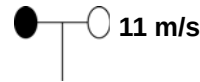
150 590 kg
+
54 430 kg



42,0 m



60,0 m



11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
22,9										22,9
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0	60,1	95,1	33 200							44,0
46,0	57,8	93,8	31 500							46,0
48,0	55,5	92,5	29 900							48,0
50,0	53,2	91,0	28 300							50,0
52,0	50,7	89,4	27 000	55,0	90,9	24 500				52,0
54,0	48,2	87,6	25 700	52,6	89,4	23 200				54,0
56,0	45,5	85,7	24 400	50,1	87,8	22 100				56,0
58,0	42,7	83,6	23 200	47,5	86,0	21 000	51,8	87,4	18 900	58,0
60,0	39,8	81,2	22 000	44,8	84,0	19 900	49,3	85,8	17 900	60,0
62,0	36,7	78,6	20 900	42,0	81,8	18 900	46,7	83,9	16 900	62,0
64,0	33,3	75,7	19 800	39,0	79,4	17 900	44,0	81,9	16 000	64,0
66,0	29,5	72,3	18 800	35,8	76,8	16 900	41,1	79,7	15 100	66,0
68,0	25,2	68,3	17 800	32,4	73,7	16 100	38,1	77,2	14 300	68,0
70,0	20,1	63,4	17 000	28,5	70,2	15 200	34,8	74,4	13 600	70,0
72,0	13,1	56,3	16 100	24,1	66,0	14 500	31,2	71,2	12 800	72,0
74,0				18,7	60,7	13 700	27,2	67,5	12 100	74,0
76,0				10,7	52,7	12 900	22,6	63,1	11 400	76,0
78,0							16,7	57,2	10 800	78,0



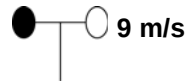
150 590 kg
+
54 430 kg



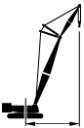
42,0 m

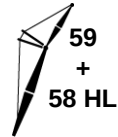


66,0 m



9 m/s

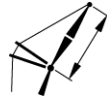
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
24,4	74,0	108,2	66 800 *							24,4
26,0	72,5	107,7	66 400							26,0
28,0	70,7	107,0	63 700							28,0
30,0	68,8	106,2	59 000							30,0
32,0	66,9	105,4	55 100	69,0	106,0	52 700				32,0
34,0	65,0	104,4	51 600	67,1	105,2	49 300				34,0
36,0	63,1	103,4	48 500	65,2	104,3	46 300				36,0
38,0	61,1	102,4	45 700	63,3	103,3	43 500	65,4	104,0	41 400	38,0
40,0	59,1	101,2	43 100	61,3	102,2	41 000	63,5	103,0	39 100	40,0
42,0	57,0	99,9	40 800	59,3	101,0	38 800	61,5	101,9	36 900	42,0
44,0	54,9	98,5	38 600	57,2	99,8	36 700	59,5	100,8	34 800	44,0
46,0	52,7	97,0	36 600	55,1	98,4	34 800	57,4	99,5	33 000	46,0
48,0	50,5	95,4	34 800	52,9	96,9	33 000	55,3	98,2	31 300	48,0
50,0	48,2	93,6	33 100	50,7	95,3	31 400	53,2	96,7	29 700	50,0
52,0	45,8	91,7	31 500	48,4	93,6	29 800	50,9	95,1	28 300	52,0
54,0	43,3	89,6	30 100	46,0	91,7	28 400	48,6	93,3	26 900	54,0
56,0	40,6	87,3	28 700	43,5	89,6	27 100	46,3	91,5	25 600	56,0
58,0	37,8	84,8	27 400	40,9	87,3	25 900	43,8	89,4	24 400	58,0
60,0	34,9	82,1	26 000	38,1	84,8	24 700	41,2	87,2	23 300	60,0
62,0	31,6	78,9	24 700	35,2	82,1	23 500	38,4	84,7	22 200	62,0
64,0	28,1	75,3	23 500	32,0	79,0	22 300	35,5	82,0	21 100	64,0
66,0	24,0	71,1	22 300	28,5	75,5	21 200	32,3	78,9	20 000	66,0
68,0	19,2	65,9	21 300	24,5	71,3	20 100	28,8	75,5	19 000	68,0
70,0	12,5	58,5	20 200	19,7	66,2	19 100	24,9	71,4	18 100	70,0
72,0				13,4	59,2	18 200	20,2	66,4	17 200	72,0
74,0							14,1	59,6	16 300	74,0
76,0										76,0
78,0										78,0
80,0										80,0
82,0										82,0
84,0										84,0



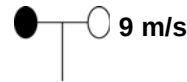
150 590 kg
+
54 430 kg



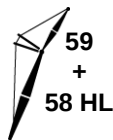
42,0 m



66,0 m



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



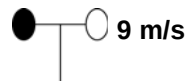
150 590 kg
+
54 430 kg



42,0 m

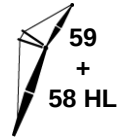


72,0 m



9 m/s

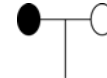
 m	 86°			 83°			 80°			 m
	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	
27,4	72,8	113,5	55 600 *							27,4
28,0	72,3	113,3	55 400 *							28,0
30,0	70,6	112,6	55 000 *							30,0
32,0	68,9	111,9	53 500	70,8	112,4	51 000				32,0
34,0	67,2	111,0	50 100	69,1	111,7	47 700				34,0
36,0	65,5	110,1	47 000	67,4	110,9	44 800				36,0
38,0	63,7	109,2	44 300	65,7	110,0	42 100				38,0
40,0	61,9	108,1	41 700	63,9	109,0	39 700	65,8	109,7	37 600	40,0
42,0	60,1	107,0	39 400	62,1	108,0	37 400	64,1	108,7	35 500	42,0
44,0	58,2	105,8	37 300	60,3	106,8	35 400	62,3	107,7	33 500	44,0
46,0	56,3	104,4	35 300	58,4	105,6	33 500	60,4	106,6	31 700	46,0
48,0	54,3	103,0	33 500	56,5	104,3	31 800	58,6	105,4	30 000	48,0
50,0	52,3	101,5	31 900	54,6	102,9	30 200	56,7	104,1	28 500	50,0
52,0	50,3	99,8	30 300	52,6	101,4	28 700	54,7	102,7	27 100	52,0
54,0	48,2	98,1	28 900	50,5	99,8	27 300	52,8	101,2	25 700	54,0
56,0	46,0	96,2	27 500	48,4	98,0	26 000	50,7	99,6	24 500	56,0
58,0	43,7	94,1	26 300	46,2	96,1	24 800	48,6	97,8	23 300	58,0
60,0	41,3	91,9	25 100	43,9	94,1	23 600	46,4	95,9	22 200	60,0
62,0	38,8	89,5	24 000	41,6	91,9	22 500	44,2	93,9	21 100	62,0
64,0	36,1	86,8	23 000	39,1	89,5	21 500	41,8	91,7	20 200	64,0
66,0	33,3	83,8	21 800	36,4	86,8	20 600	39,3	89,3	19 300	66,0
68,0	30,2	80,5	20 700	33,6	83,9	19 600	36,7	86,7	18 400	68,0
70,0	26,8	76,8	19 700	30,6	80,6	18 600	33,9	83,8	17 500	70,0
72,0	23,0	72,3	18 800	27,2	76,9	17 700	30,9	80,6	16 600	72,0
74,0	18,3	66,8	17 800	23,4	72,6	16 800	27,5	76,9	15 800	74,0
76,0	11,9	59,1	17 000	18,8	67,2	16 000	23,8	72,6	15 000	76,0
78,0				12,8	59,8	15 200	19,3	67,4	14 200	78,0
80,0							13,5	60,3	13 400	80,0
82,0										82,0
84,0										84,0
86,0										86,0
88,0										88,0



42,0 m

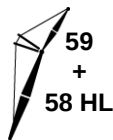


72,0 m



9 m/s

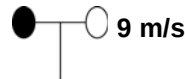
	75°			70°			
m	o	m	kg	o	m	kg	m
27,4							27,4
28,0							28,0
30,0							30,0
32,0							32,0
34,0							34,0
36,0							36,0
38,0							38,0
40,0							40,0
42,0							42,0
44,0							44,0
46,0							46,0
48,0	61,9	106,6	27 300				48,0
50,0	60,1	105,4	25 800				50,0
52,0	58,2	104,2	24 500				52,0
54,0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



42,0 m

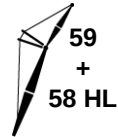


78,0 m



9 m/s

	86°			83°			80°			
	m	m	kg	m	kg	m	kg	m	m	
29,0	73,0	119,3	46 900 *						29,0	
30,0	72,2	119,0	46 700 *						30,0	
32,0	70,6	118,3	46 200 *						32,0	
34,0	69,1	117,5	45 800 *						34,0	
36,0	67,5	116,7	45 100	69,2	117,4	43 400			36,0	
38,0	65,9	115,8	42 900	67,6	116,5	40 800			38,0	
40,0	64,2	114,9	40 400	66,0	115,7	38 400			40,0	
42,0	62,6	113,8	38 200	64,4	114,7	36 200	66,2	115,4	34 300	42,0
44,0	60,9	112,8	36 100	62,8	113,7	34 200	64,6	114,4	32 300	44,0
46,0	59,2	111,6	34 200	61,1	112,6	32 400	62,9	113,4	30 600	46,0
48,0	57,5	110,3	32 400	59,4	111,4	30 600	61,3	112,3	28 900	48,0
50,0	55,7	109,0	30 700	57,7	110,2	29 100	59,6	111,2	27 400	50,0
52,0	53,9	107,5	29 200	55,9	108,8	27 600	57,8	109,9	26 000	52,0
54,0	52,0	106,0	27 800	54,1	107,4	26 200	56,1	108,6	24 600	54,0
56,0	50,1	104,3	26 500	52,2	105,9	24 900	54,3	107,2	23 400	56,0
58,0	48,2	102,6	25 200	50,3	104,2	23 700	52,4	105,7	22 300	58,0
60,0	46,2	100,7	24 100	48,4	102,5	22 600	50,5	104,0	21 200	60,0
62,0	44,1	98,6	23 000	46,4	100,6	21 600	48,6	102,3	20 200	62,0
64,0	41,9	96,4	21 900	44,3	98,6	20 500	46,6	100,4	19 200	64,0
66,0	39,6	94,1	21 000	42,1	96,4	19 600	44,5	98,4	18 300	66,0
68,0	37,2	91,5	20 000	39,8	94,1	18 700	42,3	96,3	17 400	68,0
70,0	34,7	88,7	19 200	37,5	91,5	17 900	40,1	93,9	16 600	70,0
72,0	31,9	85,6	18 300	34,9	88,7	17 100	37,7	91,4	15 900	72,0
74,0	29,0	82,1	17 400	32,2	85,7	16 300	35,2	88,6	15 100	74,0
76,0	25,7	78,1	16 500	29,3	82,2	15 500	32,5	85,6	14 400	76,0
78,0	22,0	73,5	15 700	26,1	78,3	14 700	29,6	82,2	13 700	78,0
80,0	17,6	67,7	14 900	22,4	73,8	14 000	26,4	78,3	13 000	80,0
82,0	11,4	59,7	14 200	18,1	68,2	13 300	22,8	73,8	12 300	82,0
84,0				12,2	60,5	12 500	18,5	68,4	11 600	84,0
86,0							12,9	61,0	11 000	86,0
88,0										88,0



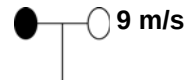
150 590 kg
+
54 430 kg



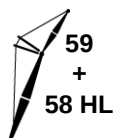
42,0 m



78,0 m



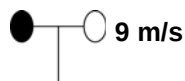
	75°		
	m	m	kg
29,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0			
48,0			
50,0			
52,0	60,9	111,2	23 300
54,0	59,2	110,1	22 100
56,0	57,5	108,8	20 900
58,0	55,7	107,4	19 900
60,0	53,9	106,0	18 900
62,0	52,0	104,5	17 900
64,0	50,1	102,8	17 000
66,0	48,2	101,1	16 100
68,0	46,1	99,2	15 300
70,0	44,1	97,1	14 600
72,0	41,9	94,9	13 900
74,0	39,6	92,6	13 200
76,0	37,2	90,0	12 500
78,0	34,7	87,2	11 900
80,0	31,9	84,1	11 300
82,0	29,0	80,6	10 700
84,0	25,7	76,6	10 100
86,0	22,0	72,0	9 500
88,0	17,6	66,2	9 000



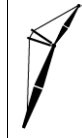
42,0 m



84,0 m



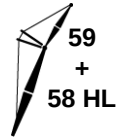
9 m/s

	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
30,5	73,2	125,1	39 700 *							30,5
32,0	72,1	124,6	39 400 *							32,0
34,0	70,6	123,9	38 900 *							34,0
36,0	69,2	123,2	38 500 *							36,0
38,0	67,7	122,4	38 000 *	69,3	123,0	37 500 *				38,0
40,0	66,2	121,5	37 600 *	67,9	122,2	37 000				40,0
42,0	64,7	120,6	36 700	66,4	121,3	34 900				42,0
44,0	63,2	119,6	34 800	64,9	120,4	32 900	66,5	121,1	31 000	44,0
46,0	61,6	118,5	32 900	63,3	119,4	31 000	65,0	120,1	29 200	46,0
48,0	60,1	117,4	31 200	61,8	118,4	29 400	63,5	119,1	27 600	48,0
50,0	58,5	116,2	29 500	60,2	117,2	27 800	61,9	118,1	26 100	50,0
52,0	56,8	114,8	28 000	58,6	116,0	26 400	60,4	117,0	24 700	52,0
54,0	55,2	113,5	26 600	57,0	114,7	25 000	58,8	115,8	23 400	54,0
56,0	53,5	112,0	25 300	55,4	113,4	23 800	57,2	114,5	22 200	56,0
58,0	51,8	110,5	24 100	53,7	111,9	22 600	55,5	113,1	21 100	58,0
60,0	50,0	108,8	22 900	51,9	110,4	21 500	53,8	111,7	20 000	60,0
62,0	48,2	107,0	21 800	50,2	108,7	20 400	52,1	110,1	19 000	62,0
64,0	46,3	105,2	20 800	48,4	107,0	19 400	50,4	108,5	18 100	64,0
66,0	44,4	103,1	19 900	46,5	105,1	18 500	48,5	106,8	17 200	66,0
68,0	42,4	101,0	18 900	44,6	103,1	17 600	46,7	104,9	16 300	68,0
70,0	40,3	98,7	18 100	42,6	100,9	16 800	44,8	102,9	15 500	70,0
72,0	38,1	96,2	17 300	40,5	98,6	16 000	42,8	100,8	14 800	72,0
74,0	35,8	93,4	16 500	38,3	96,2	15 300	40,7	98,5	14 100	74,0
76,0	33,3	90,5	15 800	36,0	93,5	14 600	38,5	96,0	13 400	76,0
78,0	30,7	87,2	15 100	33,6	90,5	13 900	36,3	93,4	12 700	78,0
80,0	27,9	83,6	14 400	31,0	87,3	13 200	33,8	90,5	12 100	80,0
82,0	24,8	79,4	13 600	28,2	83,7	12 600	31,3	87,3	11 500	82,0
84,0	21,2	74,6	12 900	25,1	79,6	12 000	28,5	83,7	11 000	84,0
86,0	16,9	68,6	12 300	21,6	74,9	11 300	25,4	79,7	10 400	86,0
88,0	11,0	60,2	11 600	17,4	69,1	10 700	21,9	75,0	9 800	88,0
90,0				11,8	61,0	10 100	17,8	69,3	9 200	90,0
92,0							12,4	61,6	8 700	92,0



EN 13000

16000 MAX-ER



150 590 kg
+
54 430 kg

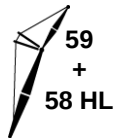


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REFERENCE ONLY!

16000 MAX-ER

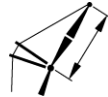
EN 13000



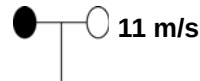
150 590 kg
+
54 430 kg



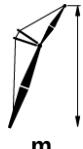
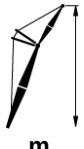
48,0 m

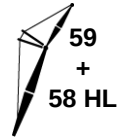


24,0 m



11 m/s

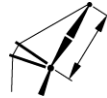
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
13,7	72,7	73,6	150 500 c							13,7
14,0	71,9	73,5	147 900 c							14,0
16,0	66,8	72,7	130 200 b							16,0
18,0	61,4	71,6	116 400 b							18,0
20,0	55,7	70,3	105 100	62,8	71,7	100 700 b				20,0
22,0	49,5	68,7	95 800	57,2	70,4	91 700 b	64,2	71,5	87 900 b	22,0
24,0	42,6	66,6	88 000	51,2	68,9	84 100	58,6	70,3	80 500 b	24,0
26,0	34,7	64,0	81 300	44,5	66,9	77 600	52,7	68,9	74 300	26,0
28,0	24,4	60,1	75 700	36,9	64,4	72 100	46,3	67,0	68 800	28,0
30,0				27,4	61,0	67 300	38,9	64,7	64 200	30,0
32,0				11,6	54,7	63 200	30,1	61,6	60 100	32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0



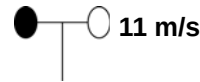
150 590 kg
+
54 430 kg



48,0 m



24,0 m

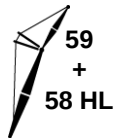


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	59,0	69,4	63 800 b							28,0
30,0	53,1	67,9	59 300							30,0
32,0	46,6	66,2	55 400							32,0
34,0	39,4	63,9	52 000	53,1	66,6	48 000				34,0
36,0	30,6	60,8	48 700	46,7	64,8	45 100				36,0
38,0	18,1	56,0	45 300	39,4	62,5	42 100				38,0
40,0				30,7	59,5	39 200	46,2	63,0	36 200	40,0
42,0				18,2	54,6	36 600	38,9	60,7	33 900	42,0
44,0							30,0	57,5	31 700	44,0

16000 MAX-ER

EN 13000



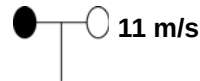
150 590 kg
+
54 430 kg



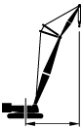
48,0 m

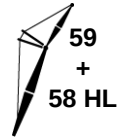


30,0 m



11 m/s

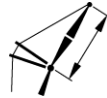
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
15,2	73,2	79,4	132 000 c							15,2
16,0	71,7	79,2	126 400 c							16,0
18,0	67,5	78,4	112 900 b							18,0
20,0	63,3	77,4	102 100 b	68,6	78,3	97 900 b				20,0
22,0	58,9	76,2	93 100	64,4	77,4	89 100 b				22,0
24,0	54,2	74,8	85 500	60,0	76,3	81 800	65,5	77,2	78 300 b	24,0
26,0	49,2	73,2	79 000	55,4	74,9	75 500	61,2	76,1	72 200	26,0
28,0	43,8	71,2	73 400	50,6	73,3	70 100	56,6	74,9	66 900	28,0
30,0	37,8	68,7	68 500	45,3	71,4	65 300	51,8	73,3	62 300	30,0
32,0	30,7	65,6	64 200	39,5	69,1	61 100	46,7	71,5	58 300	32,0
34,0	21,6	61,2	60 400	32,7	66,2	57 500	41,0	69,3	54 800	34,0
36,0				24,3	62,3	54 100	34,5	66,6	51 600	36,0
38,0				10,2	55,2	50 500	26,7	63,0	48 500	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



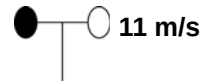
150 590 kg
+
54 430 kg



48,0 m



30,0 m

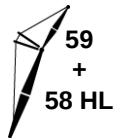


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	56,9	73,9	53 800							32,0
34,0	52,1	72,4	50 500							34,0
36,0	47,0	70,6	47 400							36,0
38,0	41,3	68,5	44 800	52,1	71,1	41 100				38,0
40,0	34,9	65,8	42 100	47,0	69,3	38 700				40,0
42,0	27,2	62,2	39 400	41,3	67,1	36 400				42,0
44,0	16,0	56,8	36 900	34,9	64,4	34 100	46,6	67,5	31 300	44,0
46,0				27,2	60,9	32 100	41,0	65,3	29 400	46,0
48,0				16,1	55,5	30 100	34,5	62,5	27 600	48,0
50,0							26,6	59,0	26 000	50,0

16000 MAX-ER

EN 13000



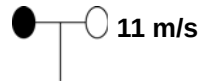
150 590 kg
+
54 430 kg



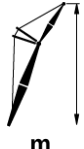
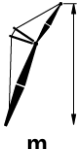
48,0 m

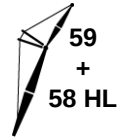


36,0 m



11 m/s

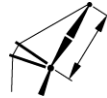
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
16,8	73,6	85,2	116 900 b							16,8
18,0	71,5	84,8	109 500 b							18,0
20,0	68,1	84,0	99 000							20,0
22,0	64,5	83,1	90 300	69,0	84,0	86 500 b				22,0
24,0	60,9	82,0	83 000	65,5	83,1	79 300				24,0
26,0	57,2	80,8	76 700	61,9	82,0	73 200	66,4	82,9	69 900	26,0
28,0	53,2	79,3	71 200	58,2	80,8	67 900	62,8	81,9	64 800	28,0
30,0	49,1	77,6	66 400	54,3	79,4	63 300	59,1	80,7	60 300	30,0
32,0	44,6	75,7	62 100	50,2	77,8	59 200	55,3	79,4	56 400	32,0
34,0	39,7	73,4	58 400	45,8	75,9	55 600	51,2	77,8	52 900	34,0
36,0	34,3	70,6	55 000	41,1	73,7	52 300	46,9	76,0	49 800	36,0
38,0	27,9	67,1	52 000	35,8	71,1	49 400	42,3	73,9	47 000	38,0
40,0	19,6	62,2	49 100	29,7	67,8	46 800	37,2	71,4	44 400	40,0
42,0				22,0	63,4	44 100	31,3	68,3	42 000	42,0
44,0				9,2	55,6	41 200	24,2	64,3	39 500	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0



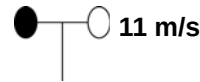
150 590 kg
+
54 430 kg



48,0 m



36,0 m

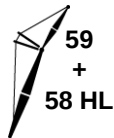


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	63,0	80,9	51 900							32,0
34,0	59,3	79,8	48 700							34,0
36,0	55,5	78,5	45 700							36,0
38,0	51,4	76,9	43 100							38,0
40,0	47,2	75,1	40 700	55,5	77,1	37 200				40,0
42,0	42,6	73,0	38 500	51,5	75,6	35 100				42,0
44,0	37,5	70,5	36 400	47,2	73,8	33 300				44,0
46,0	31,7	67,5	34 300	42,6	71,7	31 400	51,2	73,8	28 500	46,0
48,0	24,6	63,5	32 300	37,5	69,2	29 600	46,9	72,0	26 800	48,0
50,0	14,5	57,5	30 400	31,7	66,1	27 900	42,3	69,8	25 300	50,0
52,0				24,7	62,2	26 300	37,1	67,3	23 900	52,0
54,0				14,5	56,2	24 800	31,3	64,2	22 600	54,0
56,0							24,2	60,2	21 300	56,0

16000 MAX-ER

EN 13000



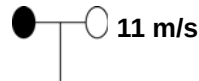
150 590 kg
+
54 430 kg



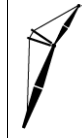
48,0 m

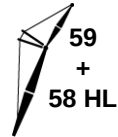


42,0 m



11 m/s

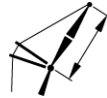
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
18,3	73,8	91,1	104 600 b							18,3
20,0	71,3	90,5	96 200							20,0
22,0	68,4	89,7	87 800							22,0
24,0	65,4	88,8	80 700	69,2	89,6	77 100				24,0
26,0	62,4	87,8	74 600	66,2	88,8	71 200				26,0
28,0	59,2	86,6	69 200	63,2	87,8	66 000	67,0	88,6	63 000	28,0
30,0	55,9	85,3	64 600	60,0	86,7	61 500	63,9	87,6	58 600	30,0
32,0	52,5	83,8	60 400	56,8	85,4	57 600	60,8	86,5	54 800	32,0
34,0	48,9	82,1	56 700	53,4	83,9	54 000	57,6	85,3	51 400	34,0
36,0	45,1	80,2	53 400	49,9	82,3	50 800	54,3	83,9	48 300	36,0
38,0	41,1	77,9	50 400	46,2	80,4	48 000	50,8	82,3	45 600	38,0
40,0	36,6	75,4	47 800	42,2	78,3	45 400	47,1	80,5	43 000	40,0
42,0	31,6	72,3	45 300	37,8	75,8	43 000	43,2	78,4	40 800	42,0
44,0	25,7	68,4	43 000	33,0	72,8	40 900	38,9	76,0	38 700	44,0
46,0	18,0	63,2	40 400	27,4	69,3	38 600	34,2	73,2	36 800	46,0
48,0				20,3	64,5	36 400	28,9	69,8	34 700	48,0
50,0				8,4	56,0	34 300	22,3	65,4	32 800	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0



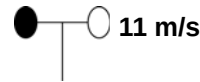
150 590 kg
+
54 430 kg



48,0 m



42,0 m

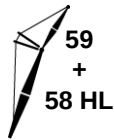


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	61,0	85,6	44 300							36,0
38,0	57,8	84,4	41 700							38,0
40,0	54,5	83,0	39 300							40,0
42,0	51,0	81,4	37 200							42,0
44,0	47,3	79,6	35 300	54,5	81,6	32 100				44,0
46,0	43,4	77,5	33 500	51,0	80,0	30 400				46,0
48,0	39,2	75,2	31 800	47,3	78,2	28 800				48,0
50,0	34,5	72,4	30 100	43,4	76,2	27 400	50,8	78,2	24 600	50,0
52,0	29,2	69,0	28 400	39,2	73,8	25 800	47,1	76,4	23 200	52,0
54,0	22,7	64,7	26 800	34,5	71,1	24 400	43,2	74,4	22 000	54,0
56,0	13,3	58,2	25 400	29,2	67,7	23 100	38,9	72,0	20 800	56,0
58,0				22,7	63,4	21 900	34,2	69,2	19 600	58,0
60,0							28,8	65,8	18 600	60,0
62,0							22,3	61,4	17 600	62,0
64,0							12,5	54,5	16 600	64,0

16000 MAX-ER

EN 13000



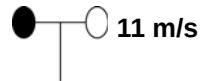
150 590 kg
+
54 430 kg



48,0 m

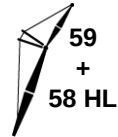


48,0 m



11 m/s

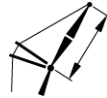
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
19,8	74,0	96,9	94 200							19,8
20,0	73,8	96,8	93 400							20,0
22,0	71,2	96,1	85 300							22,0
24,0	68,7	95,4	78 300							24,0
26,0	66,1	94,5	72 400	69,3	95,3	69 000				26,0
28,0	63,4	93,5	67 200	66,8	94,4	64 000				28,0
30,0	60,7	92,4	62 600	64,1	93,5	59 700				30,0
32,0	57,9	91,2	58 600	61,4	92,4	55 700	64,8	93,3	53 000	32,0
34,0	55,0	89,8	55 000	58,6	91,2	52 300	62,1	92,3	49 600	34,0
36,0	52,0	88,3	51 800	55,8	89,9	49 200	59,3	91,1	46 700	36,0
38,0	48,8	86,6	48 800	52,8	88,4	46 400	56,5	89,8	44 000	38,0
40,0	45,5	84,7	46 200	49,7	86,7	43 900	53,5	88,4	41 500	40,0
42,0	42,0	82,5	43 800	46,4	84,9	41 500	50,5	86,8	39 300	42,0
44,0	38,2	80,0	41 600	43,0	82,8	39 400	47,2	84,9	37 300	44,0
46,0	34,1	77,2	39 600	39,3	80,4	37 500	43,8	82,9	35 400	46,0
48,0	29,4	73,9	37 700	35,2	77,7	35 700	40,2	80,6	33 700	48,0
50,0	23,9	69,7	35 700	30,7	74,5	33 900	36,3	78,0	32 100	50,0
52,0	16,8	64,0	33 700	25,5	70,6	32 100	31,9	74,9	30 500	52,0
54,0				18,9	65,5	30 400	26,9	71,2	28 900	54,0
56,0							20,8	66,5	27 300	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0



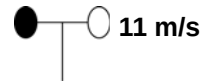
150 590 kg
+
54 430 kg



48,0 m



48,0 m



	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
19,8										19,8
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	59,5	90,2	37 800							40,0
42,0	56,6	88,9	35 700							42,0
44,0	53,7	87,5	33 800							44,0
46,0	50,6	85,8	32 100	56,7	87,6	28 900				46,0
48,0	47,4	84,1	30 500	53,7	86,1	27 400				48,0
50,0	44,0	82,0	29 000	50,6	84,5	26 000				50,0
52,0	40,4	79,8	27 600	47,4	82,7	24 800				52,0
54,0	36,5	77,2	26 200	44,1	80,7	23 600	50,5	82,7	21 000	54,0
56,0	32,2	74,1	24 800	40,4	78,4	22 400	47,2	80,9	19 900	56,0
58,0	27,2	70,5	23 500	36,5	75,8	21 200	43,8	78,9	18 800	58,0
60,0	21,1	65,8	22 300	32,2	72,8	20 100	40,2	76,6	17 800	60,0
62,0	12,4	58,8	21 100	27,2	69,2	19 000	36,3	74,0	16 900	62,0
64,0				21,2	64,5	18 000	31,9	70,9	16 000	64,0
66,0							26,9	67,2	15 100	66,0
68,0							20,7	62,5	14 300	68,0
70,0							11,6	55,1	13 500	70,0



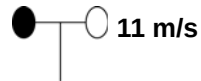
150 590 kg
+
54 430 kg



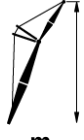
48,0 m

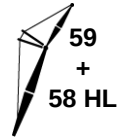


54,0 m



11 m/s

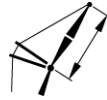
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
22,9	72,4	102,2	79 900							22,9
24,0	71,2	101,8	76 200							24,0
26,0	68,9	101,0	70 400							26,0
28,0	66,6	100,2	65 400	69,5	101,0	62 300				28,0
30,0	64,2	99,2	60 900	67,2	100,1	57 900				30,0
32,0	61,8	98,2	57 000	64,8	99,2	54 200	67,8	99,9	51 400	32,0
34,0	59,4	97,0	53 500	62,5	98,2	50 800	65,4	99,0	48 200	34,0
36,0	56,9	95,7	50 300	60,0	97,0	47 800	63,1	98,0	45 200	36,0
38,0	54,3	94,3	47 400	57,5	95,8	45 000	60,6	96,9	42 600	38,0
40,0	51,6	92,8	44 800	54,9	94,4	42 500	58,2	95,7	40 200	40,0
42,0	48,8	91,0	42 500	52,3	92,9	40 200	55,6	94,3	38 000	42,0
44,0	45,8	89,1	40 300	49,5	91,2	38 200	53,0	92,9	36 000	44,0
46,0	42,8	87,0	38 300	46,6	89,4	36 200	50,2	91,2	34 200	46,0
48,0	39,5	84,7	36 500	43,6	87,3	34 500	47,4	89,4	32 500	48,0
50,0	35,9	82,0	34 800	40,3	85,0	32 800	44,4	87,4	30 900	50,0
52,0	32,1	78,9	33 200	36,9	82,4	31 300	41,2	85,2	29 500	52,0
54,0	27,7	75,3	31 600	33,1	79,5	29 900	37,8	82,7	28 100	54,0
56,0	22,5	70,9	30 000	28,9	76,1	28 400	34,1	79,8	26 800	56,0
58,0	15,8	64,8	28 400	24,0	71,9	27 000	30,0	76,6	25 500	58,0
60,0				17,8	66,4	25 600	25,3	72,6	24 200	60,0
62,0							19,5	67,5	23 000	62,0
64,0							11,0	59,7	21 800	64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0
74,0										74,0
76,0										76,0



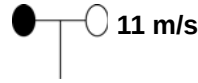
150 590 kg
+
54 430 kg



48,0 m



54,0 m



11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
22,9										22,9
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0	60,8	96,0	34 500							42,0
44,0	58,3	94,8	32 600							44,0
46,0	55,7	93,4	30 900							46,0
48,0	53,1	91,9	29 300							48,0
50,0	50,4	90,3	27 800	55,7	92,1	24 900				50,0
52,0	47,5	88,5	26 500	53,1	90,6	23 700				52,0
54,0	44,5	86,6	25 200	50,4	89,0	22 500				54,0
56,0	41,4	84,3	24 100	47,5	87,2	21 400				56,0
58,0	38,0	81,8	22 900	44,5	85,2	20 400	50,2	87,2	17 900	58,0
60,0	34,3	79,0	21 800	41,4	83,0	19 400	47,3	85,4	17 000	60,0
62,0	30,2	75,8	20 700	38,0	80,5	18 400	44,3	83,4	16 200	62,0
64,0	25,6	71,8	19 600	34,3	77,7	17 500	41,2	81,2	15 300	64,0
66,0	19,9	66,9	18 600	30,2	74,4	16 600	37,8	78,7	14 500	66,0
68,0	11,6	59,3	17 600	25,6	70,5	15 700	34,1	75,8	13 700	68,0
70,0				19,9	65,5	14 900	30,0	72,5	13 000	70,0
72,0							25,3	68,5	12 300	72,0
74,0							19,5	63,5	11 600	74,0
76,0							10,9	55,7	10 900	76,0

16000 MAX-ER

EN 13000



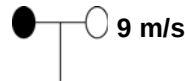
150 590 kg
+
54 430 kg



48,0 m

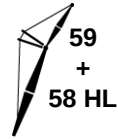


60,0 m



9 m/s

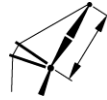
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
24,4	72,7	108,0	72 800							24,4
26,0	71,1	107,5	68 400							26,0
28,0	69,1	106,7	63 500							28,0
30,0	67,0	105,9	59 100	69,6	106,6	56 200				30,0
32,0	64,9	104,9	55 300	67,5	105,8	52 400				32,0
34,0	62,7	103,9	51 800	65,4	104,9	49 100				34,0
36,0	60,5	102,8	48 800	63,3	103,9	46 200	66,0	104,7	43 600	36,0
38,0	58,3	101,6	45 900	61,1	102,8	43 500	63,8	103,7	41 100	38,0
40,0	56,0	100,3	43 400	58,9	101,6	41 100	61,7	102,7	38 700	40,0
42,0	53,7	98,8	41 100	56,6	100,3	38 800	59,5	101,5	36 600	42,0
44,0	51,2	97,2	38 900	54,3	98,9	36 700	57,2	100,2	34 600	44,0
46,0	48,7	95,5	37 000	51,9	97,4	34 900	54,9	98,9	32 800	46,0
48,0	46,1	93,6	35 200	49,4	95,7	33 100	52,5	97,3	31 200	48,0
50,0	43,3	91,6	33 500	46,8	93,8	31 600	50,0	95,7	29 600	50,0
52,0	40,4	89,2	32 000	44,1	91,8	30 100	47,4	93,9	28 200	52,0
54,0	37,3	86,7	30 500	41,2	89,6	28 700	44,8	91,9	26 900	54,0
56,0	34,0	83,8	29 200	38,2	87,1	27 400	41,9	89,7	25 600	56,0
58,0	30,3	80,6	27 900	34,9	84,3	26 200	38,9	87,3	24 500	58,0
60,0	26,2	76,7	26 600	31,3	81,2	25 000	35,7	84,6	23 400	60,0
62,0	21,3	72,0	25 200	27,3	77,5	23 800	32,3	81,6	22 300	62,0
64,0	14,9	65,6	23 900	22,7	73,1	22 600	28,4	78,1	21 300	64,0
66,0				16,8	67,2	21 500	23,9	73,8	20 200	66,0
68,0							18,5	68,5	19 200	68,0
70,0							10,4	60,2	18 200	70,0
72,0										72,0
74,0										74,0
76,0										76,0
78,0										78,0
80,0										80,0
82,0										82,0



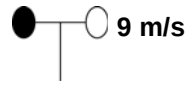
150 590 kg
+
54 430 kg



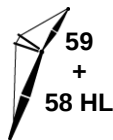
48,0 m



60,0 m



	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
24,4										24,4
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0	59,6	100,6	29 500							46,0
48,0	57,3	99,3	28 000							48,0
50,0	55,0	97,9	26 500							50,0
52,0	52,6	96,4	25 200	57,3	98,0	22 300				52,0
54,0	50,1	94,8	24 000	55,0	96,6	21 200				54,0
56,0	47,6	93,0	22 800	52,6	95,1	20 100				56,0
58,0	44,9	91,0	21 700	50,2	93,5	19 100				58,0
60,0	42,1	88,9	20 700	47,6	91,7	18 200				60,0
62,0	39,1	86,5	19 800	44,9	89,7	17 300	50,0	91,7	14 900	62,0
64,0	35,9	83,8	18 900	42,1	87,5	16 500	47,4	89,9	14 200	64,0
66,0	32,5	80,8	18 000	39,1	85,1	15 700	44,7	87,9	13 400	66,0
68,0	28,6	77,3	17 100	35,9	82,5	14 900	41,9	85,7	12 800	68,0
70,0	24,2	73,1	16 200	32,5	79,4	14 200	38,9	83,3	12 100	70,0
72,0	18,8	67,8	15 400	28,6	75,9	13 400	35,7	80,6	11 500	72,0
74,0	11,0	59,9	14 600	24,2	71,8	12 700	32,2	77,5	10 900	74,0
76,0				18,8	66,5	12 000	28,4	74,0	10 200	76,0
78,0							23,9	69,8	9 600	78,0
80,0							18,4	64,4	9 100	80,0
82,0							10,3	56,2	8 500	82,0



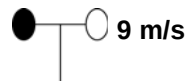
150 590 kg
+
54 430 kg



48,0 m

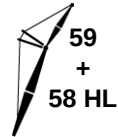


66,0 m



9 m/s

	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
25,9	73,0	113,8	61 700 *							25,9
26,0	72,9	113,8	61 700 *							26,0
28,0	71,0	113,1	61 000							28,0
30,0	69,2	112,4	57 500							30,0
32,0	67,3	111,5	53 600	69,7	112,3	50 800				32,0
34,0	65,4	110,6	50 200	67,8	111,5	47 500				34,0
36,0	63,5	109,7	47 200	65,9	110,6	44 600				36,0
38,0	61,5	108,6	44 400	64,0	109,6	42 000	66,4	110,4	39 600	38,0
40,0	59,5	107,4	41 900	62,0	108,6	39 600	64,5	109,4	37 300	40,0
42,0	57,4	106,2	39 600	60,0	107,4	37 400	62,5	108,4	35 200	42,0
44,0	55,3	104,8	37 600	58,0	106,2	35 400	60,5	107,3	33 200	44,0
46,0	53,2	103,3	35 600	55,9	104,9	33 500	58,5	106,1	31 500	46,0
48,0	51,0	101,7	33 900	53,7	103,4	31 800	56,4	104,8	29 800	48,0
50,0	48,7	100,0	32 200	51,5	101,8	30 200	54,3	103,4	28 300	50,0
52,0	46,3	98,1	30 700	49,3	100,2	28 800	52,1	101,8	26 900	52,0
54,0	43,8	96,1	29 200	46,9	98,3	27 400	49,8	100,2	25 600	54,0
56,0	41,2	93,8	27 900	44,5	96,3	26 100	47,5	98,4	24 400	56,0
58,0	38,4	91,4	26 700	41,9	94,1	24 900	45,1	96,4	23 200	58,0
60,0	35,5	88,6	25 500	39,2	91,7	23 800	42,5	94,3	22 200	60,0
62,0	32,3	85,6	24 400	36,3	89,1	22 800	39,9	91,9	21 200	62,0
64,0	28,9	82,1	23 400	33,2	86,1	21 800	37,0	89,4	20 200	64,0
66,0	24,9	78,1	22 200	29,8	82,8	20 800	34,0	86,5	19 300	66,0
68,0	20,3	73,1	21 200	26,0	78,9	19 800	30,7	83,2	18 500	68,0
70,0	14,2	66,3	20 100	21,6	74,2	18 900	27,0	79,5	17 600	70,0
72,0				16,0	68,1	17 900	22,8	75,1	16 700	72,0
74,0							17,6	69,4	15 900	74,0
76,0							9,8	60,7	15 000	76,0
78,0										78,0
80,0										80,0
82,0										82,0



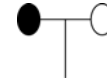
150 590 kg
+
54 430 kg



48,0 m

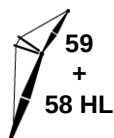


66,0 m



9 m/s

	75°			70°			
m	o	m	kg	o	m	kg	m
25,9							25,9
26,0							26,0
28,0							28,0
30,0							30,0
32,0							32,0
34,0							34,0
36,0							36,0
38,0							38,0
40,0							40,0
42,0							42,0
44,0							44,0
46,0	62,6	107,5	28 200				46,0
48,0	60,6	106,4	26 600				48,0
50,0	58,6	105,2	25 200				50,0
52,0	56,5	103,9	23 900				52,0
54,0	54,4	102,5	22 700				54,0
56,0	52,2	100,9	21 600	56,5	102,5	18 900	56,0
58,0	50,0	99,3	20 500	54,4	101,1	17 900	58,0
60,0	47,6	97,5	19 500	52,2	99,6	17 000	60,0
62,0	45,2	95,5	18 600	50,0	97,9	16 100	62,0
64,0	42,7	93,4	17 700	47,6	96,1	15 300	64,0
66,0	40,0	91,1	16 900	45,2	94,2	14 500	66,0
68,0	37,2	88,5	16 100	42,7	92,1	13 800	68,0
70,0	34,2	85,7	15 300	40,0	89,7	13 100	70,0
72,0	30,9	82,4	14 600	37,2	87,2	12 400	72,0
74,0	27,2	78,7	13 900	34,2	84,3	11 800	74,0
76,0	23,0	74,3	13 200	30,9	81,1	11 200	76,0
78,0	17,9	68,8	12 500	27,2	77,4	10 700	78,0
80,0	10,4	60,4	11 800	23,0	73,0	10 100	80,0
82,0				17,9	67,4	9 500	82,0



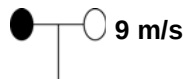
150 590 kg
+
54 430 kg

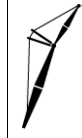


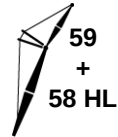
48,0 m



72,0 m



	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
27,4	73,2	119,6	52 200 *							27,4
28,0	72,7	119,4	52 100 *							28,0
30,0	71,0	118,8	51 800 *							30,0
32,0	69,3	118,0	51 500 *							32,0
34,0	67,6	117,2	48 700	69,7	117,9	46 000				34,0
36,0	65,8	116,3	45 700	68,0	117,1	43 100				36,0
38,0	64,1	115,4	43 000	66,3	116,3	40 500				38,0
40,0	62,3	114,3	40 600	64,5	115,3	38 200	66,7	116,1	35 900	40,0
42,0	60,5	113,2	38 300	62,8	114,3	36 000	65,0	115,2	33 800	42,0
44,0	58,6	112,0	36 200	60,9	113,2	34 100	63,2	114,2	31 900	44,0
46,0	56,7	110,7	34 300	59,1	112,0	32 300	61,4	113,1	30 200	46,0
48,0	54,8	109,3	32 600	57,2	110,8	30 600	59,6	111,9	28 600	48,0
50,0	52,8	107,8	31 000	55,3	109,4	29 000	57,7	110,7	27 100	50,0
52,0	50,7	106,2	29 500	53,3	107,9	27 600	55,8	109,3	25 700	52,0
54,0	48,6	104,4	28 100	51,3	106,3	26 200	53,8	107,9	24 400	54,0
56,0	46,4	102,6	26 800	49,2	104,6	25 000	51,8	106,3	23 200	56,0
58,0	44,2	100,6	25 500	47,0	102,8	23 800	49,7	104,6	22 100	58,0
60,0	41,8	98,4	24 400	44,8	100,8	22 700	47,6	102,8	21 000	60,0
62,0	39,3	96,0	23 300	42,4	98,7	21 600	45,3	100,9	20 000	62,0
64,0	36,7	93,4	22 300	40,0	96,3	20 700	43,0	98,8	19 100	64,0
66,0	33,9	90,5	21 300	37,4	93,8	19 700	40,6	96,5	18 200	66,0
68,0	30,9	87,2	20 400	34,7	91,0	18 900	38,1	94,0	17 400	68,0
70,0	27,6	83,6	19 500	31,7	87,8	18 000	35,4	91,3	16 600	70,0
72,0	23,8	79,3	18 700	28,5	84,3	17 300	32,5	88,2	15 900	72,0
74,0	19,4	74,1	17 800	24,8	80,2	16 500	29,3	84,8	15 200	74,0
76,0	13,5	67,0	16 900	20,6	75,3	15 700	25,8	80,9	14 500	76,0
78,0				15,3	68,9	14 900	21,8	76,2	13 800	78,0
80,0							16,8	70,3	13 100	80,0
82,0							9,4	61,2	12 300	82,0
84,0										84,0
86,0										86,0



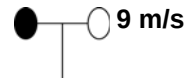
150 590 kg
+
54 430 kg



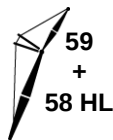
48,0 m



72,0 m



	75°		
m		m	kg
27,4			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0			
48,0			
50,0	61,5	112,1	24 000
52,0	59,7	111,0	22 700
54,0	57,8	109,7	21 500
56,0	55,9	108,4	20 400
58,0	53,9	107,0	19 300
60,0	51,9	105,4	18 400
62,0	49,8	103,8	17 400
64,0	47,7	101,9	16 600
66,0	45,5	100,0	15 800
68,0	43,2	97,9	15 000
70,0	40,8	95,7	14 200
72,0	38,2	93,2	13 600
74,0	35,5	90,4	12 900
76,0	32,6	87,4	12 300
78,0	29,5	84,0	11 700
80,0	26,0	80,1	11 100
82,0	22,0	75,5	10 600
84,0	17,1	69,6	10 000
86,0	9,9	60,9	9 400



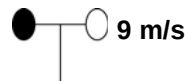
150 590 kg
+
54 430 kg



48,0 m

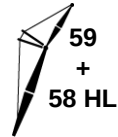


78,0 m



9 m/s

	86°			83°			80°			
	m	m	kg	m	m	kg	m	kg	m	
29,0	73,3	125,4	44 300 *							29,0
30,0	72,5	125,1	44 200 *							30,0
32,0	71,0	124,4	43 900 *							32,0
34,0	69,4	123,7	43 500 *							34,0
36,0	67,8	122,9	43 100 *	69,8	123,6	41 500				36,0
38,0	66,2	122,0	41 700	68,2	122,8	39 200				38,0
40,0	64,6	121,1	39 300	66,6	121,9	36 900				40,0
42,0	62,9	120,1	37 100	65,0	121,0	34 800	67,0	121,8	32 600	42,0
44,0	61,3	119,0	35 100	63,4	120,0	32 900	65,4	120,8	30 700	44,0
46,0	59,6	117,8	33 200	61,7	119,0	31 100	63,8	119,9	29 000	46,0
48,0	57,8	116,6	31 500	60,0	117,8	29 500	62,1	118,8	27 400	48,0
50,0	56,1	115,2	29 900	58,3	116,6	27 900	60,4	117,7	26 000	50,0
52,0	54,3	113,8	28 400	56,5	115,3	26 500	58,7	116,5	24 600	52,0
54,0	52,4	112,3	27 000	54,7	113,9	25 200	57,0	115,2	23 400	54,0
56,0	50,5	110,7	25 700	52,9	112,4	23 900	55,2	113,8	22 200	56,0
58,0	48,6	108,9	24 500	51,0	110,8	22 800	53,4	112,4	21 000	58,0
60,0	46,6	107,1	23 400	49,1	109,1	21 700	51,5	110,8	20 000	60,0
62,0	44,5	105,1	22 300	47,1	107,3	20 700	49,6	109,1	19 000	62,0
64,0	42,3	102,9	21 300	45,0	105,3	19 700	47,6	107,3	18 100	64,0
66,0	40,1	100,6	20 300	42,9	103,2	18 800	45,6	105,4	17 300	66,0
68,0	37,7	98,0	19 400	40,7	100,9	17 900	43,5	103,3	16 400	68,0
70,0	35,2	95,3	18 600	38,3	98,4	17 100	41,3	101,1	15 600	70,0
72,0	32,5	92,2	17 800	35,9	95,7	16 300	38,9	98,7	14 900	72,0
74,0	29,6	88,8	17 000	33,2	92,8	15 600	36,5	96,0	14 200	74,0
76,0	26,5	85,0	16 300	30,4	89,5	14 900	33,9	93,1	13 500	76,0
78,0	22,8	80,5	15 600	27,3	85,8	14 200	31,1	89,9	12 900	78,0
80,0	18,6	75,1	14 900	23,8	81,5	13 600	28,1	86,3	12 300	80,0
82,0	13,0	67,7	14 100	19,8	76,3	13 000	24,8	82,2	11 700	82,0
84,0				14,6	69,6	12 300	20,9	77,3	11 200	84,0
86,0							16,1	71,1	10 600	86,0
88,0							9,0	61,7	10 000	88,0
90,0										90,0



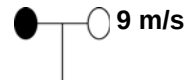
150 590 kg
+
54 430 kg



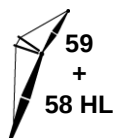
48,0 m



78,0 m



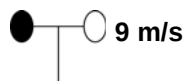
	75°		
	m	m	kg
29,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0			
48,0			
50,0			
52,0	62,2	117,9	21 600
54,0	60,5	116,8	20 400
56,0	58,8	115,6	19 300
58,0	57,1	114,3	18 300
60,0	55,3	112,9	17 300
62,0	53,5	111,5	16 400
64,0	51,6	109,9	15 600
66,0	49,7	108,2	14 800
68,0	47,7	106,4	14 000
70,0	45,7	104,5	13 300
72,0	43,6	102,4	12 600
74,0	41,4	100,2	11 900
76,0	39,1	97,8	11 300
78,0	36,6	95,2	10 800
80,0	34,1	92,3	10 200
82,0	31,3	89,1	9 600
84,0	28,3	85,5	9 100
86,0	25,0	81,4	8 600
88,0	21,1	76,6	8 200
90,0	16,4	70,5	7 700



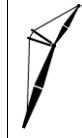
48,0 m



84,0 m



9 m/s

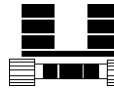
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
30,5	73,5	131,2	37 700 *							30,5
32,0	72,4	130,8	37 500 *							32,0
34,0	70,9	130,1	37 100 *							34,0
36,0	69,5	129,3	36 700 *							36,0
38,0	68,0	128,5	36 400 *	69,9	129,2	35 900 *				38,0
40,0	66,5	127,7	36 000 *	68,4	128,5	35 400				40,0
42,0	65,0	126,8	35 400	66,9	127,6	33 500				42,0
44,0	63,5	125,8	33 800	65,4	126,7	31 600				44,0
46,0	62,0	124,7	31 900	63,9	125,7	29 800	65,8	126,5	27 700	46,0
48,0	60,4	123,6	30 200	62,4	124,7	28 200	64,3	125,6	26 100	48,0
50,0	58,8	122,4	28 700	60,8	123,6	26 700	62,7	124,6	24 700	50,0
52,0	57,2	121,1	27 200	59,2	122,4	25 300	61,2	123,5	23 400	52,0
54,0	55,5	119,8	25 800	57,6	121,2	24 000	59,6	122,3	22 100	54,0
56,0	53,9	118,3	24 500	56,0	119,8	22 700	58,0	121,1	21 000	56,0
58,0	52,1	116,8	23 300	54,3	118,4	21 600	56,4	119,8	19 900	58,0
60,0	50,4	115,1	22 200	52,6	116,9	20 500	54,7	118,3	18 900	60,0
62,0	48,6	113,4	21 200	50,8	115,3	19 500	53,0	116,9	17 900	62,0
64,0	46,7	111,5	20 200	49,0	113,6	18 600	51,3	115,3	17 000	64,0
66,0	44,8	109,6	19 200	47,2	111,7	17 700	49,5	113,6	16 100	66,0
68,0	42,8	107,4	18 400	45,3	109,8	16 800	47,7	111,8	15 300	68,0
70,0	40,7	105,1	17 500	43,3	107,7	16 000	45,8	109,9	14 600	70,0
72,0	38,5	102,7	16 700	41,3	105,5	15 200	43,8	107,8	13 800	72,0
74,0	36,3	100,0	16 000	39,1	103,1	14 500	41,8	105,6	13 100	74,0
76,0	33,9	97,1	15 200	36,9	100,4	13 800	39,7	103,2	12 400	76,0
78,0	31,3	93,9	14 600	34,5	97,6	13 200	37,5	100,7	11 800	78,0
80,0	28,5	90,3	13 900	32,0	94,5	12 600	35,1	97,9	11 200	80,0
82,0	25,5	86,3	13 300	29,3	91,0	12 000	32,6	94,9	10 700	82,0
84,0	22,0	81,7	12 700	26,3	87,1	11 400	30,0	91,5	10 100	84,0
86,0	17,9	76,0	12 100	22,9	82,7	10 800	27,1	87,7	9 600	86,0
88,0	12,5	68,3	11 500	19,0	77,3	10 300	23,8	83,4	9 100	88,0
90,0				14,1	70,3	9 900	20,1	78,3	8 600	90,0
92,0							15,5	71,9	8 200	92,0
94,0							8,6	62,1	7 700	94,0



EN 13000

16000 MAX-ER



 150 590 kg
+
 54 430 kg

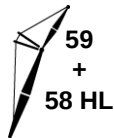


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REFERENCE ONLY!

16000 MAX-ER

EN 13000



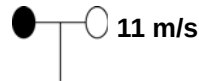
150 590 kg
+
54 430 kg



54,0 m

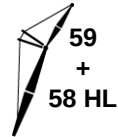


24,0 m



11 m/s

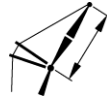
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
13,7	73,7	79,8	144 500 c							13,7
14,0	73,0	79,7	142 000 c							14,0
16,0	67,9	78,9	125 400 c							16,0
18,0	62,5	77,9	112 300 b							18,0
20,0	56,9	76,6	101 600 b	64,8	78,0	96 700 b				20,0
22,0	50,8	75,1	92 800	59,3	76,8	88 200 b				22,0
24,0	44,2	73,1	85 300	53,4	75,4	81 000	61,6	76,9	77 000 b	24,0
26,0	36,5	70,6	78 900	47,0	73,6	74 800	55,9	75,6	71 000 b	26,0
28,0				39,8	71,4	69 500	49,7	73,9	65 800	28,0
30,0	26,9	67,1	73 400	31,2	68,4	64 900	42,9	71,9	61 400	30,0
32,0				19,1	63,7	60 900	35,0	69,2	57 500	32,0
34,0							24,8	65,5	54 000	34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0



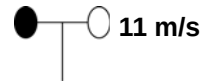
150 590 kg
+
54 430 kg



54,0 m



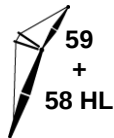
24,0 m



	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	57,7	74,9	56 100 b							30,0
32,0	51,7	73,4	52 300							32,0
34,0	45,1	71,5	49 100							34,0
36,0	37,6	69,1	46 100	53,2	72,3	41 800				36,0
38,0	28,3	65,7	43 500	46,8	70,5	39 400				38,0
40,0				39,6	68,2	37 200				40,0
42,0				30,9	65,2	35 100	48,0	69,0	31 600	42,0
44,0				18,6	60,5	32 800	41,0	66,8	29 700	44,0
46,0							32,6	63,9	27 900	46,0
48,0							21,4	59,7	26 100	48,0

16000 MAX-ER

EN 13000



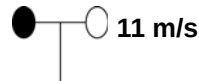
150 590 kg
+
54 430 kg



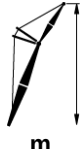
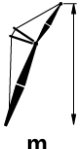
54,0 m

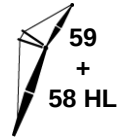


30,0 m



11 m/s

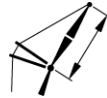
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
16,8	71,0	85,0	116 400 b							16,8
18,0	68,4	84,5	109 100 b							18,0
20,0	64,2	83,6	98 800 b	70,1	84,6	94 000 b				20,0
22,0	59,8	82,5	90 200	66,0	83,7	85 700 b				22,0
24,0	55,2	81,1	82 900	61,7	82,7	78 700				24,0
26,0	50,3	79,5	76 700	57,2	81,4	72 700	63,4	82,6	69 000 b	26,0
28,0	45,0	77,6	71 300	52,4	79,9	67 500	59,0	81,5	64 000	28,0
30,0	39,1	75,3	66 500	47,3	78,1	63 000	54,4	80,1	59 700	30,0
32,0	32,3	72,3	62 400	41,7	76,0	59 000	49,4	78,4	55 800	32,0
34,0	23,8	68,3	58 800	35,3	73,3	55 400	44,0	76,4	52 400	34,0
36,0				27,7	69,8	52 300	38,0	74,0	49 300	36,0
38,0				16,9	64,6	49 600	31,0	70,9	46 600	38,0
40,0							21,9	66,6	44 200	40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0



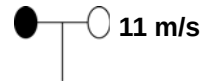
150 590 kg
+
54 430 kg



54,0 m



30,0 m

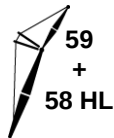


11 m/s

	75°			70°			65°			
	m	o	m	kg	o	m	kg	o	m	kg
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,4	80,7	50 800							32,0
34,0	55,8	79,4	47 600							34,0
36,0	51,0	77,8	44 700							36,0
38,0	45,7	76,0	42 200							38,0
40,0	40,0	73,7	39 900	52,2	76,8	35 900				40,0
42,0	33,3	70,9	37 800	47,1	75,0	33 900				42,0
44,0	25,1	67,1	35 800	41,5	72,8	32 100				44,0
46,0				35,1	70,2	30 500	48,1	73,4	27 200	46,0
48,0				27,4	66,7	28 700	42,6	71,3	25 700	48,0
50,0				16,5	61,3	27 000	36,3	68,8	24 200	50,0
52,0							29,0	65,5	22 800	52,0
54,0							18,9	60,6	21 500	54,0

16000 MAX-ER

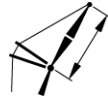
EN 13000



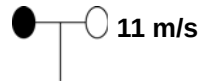
150 590 kg
+
54 430 kg



54,0 m

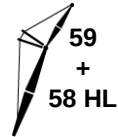


36,0 m



11 m/s

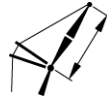
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
18,3	71,7	90,9	104 100 b							18,3
20,0	68,8	90,2	95 800 b							20,0
22,0	65,3	89,3	87 500							22,0
24,0	61,7	88,3	80 400	66,8	89,4	76 300				24,0
26,0	58,0	87,0	74 400	63,2	88,4	70 500				26,0
28,0	54,1	85,6	69 100	59,5	87,2	65 400	64,7	88,3	62 000	28,0
30,0	49,9	84,0	64 500	55,7	85,9	61 000	61,0	87,3	57 700	30,0
32,0	45,6	82,1	60 400	51,7	84,4	57 100	57,3	86,0	53 900	32,0
34,0	40,8	79,9	56 800	47,4	82,6	53 600	53,4	84,6	50 600	34,0
36,0	35,5	77,2	53 500	42,8	80,5	50 500	49,2	82,9	47 700	36,0
38,0	29,3	73,9	50 600	37,8	78,1	47 700	44,8	80,9	44 900	38,0
40,0	21,6	69,4	48 100	32,0	75,0	45 200	39,9	78,6	42 500	40,0
42,0				25,1	71,2	42 900	34,5	75,9	40 300	42,0
44,0				15,3	65,3	40 800	28,1	72,4	38 300	44,0
46,0							19,9	67,7	36 500	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0



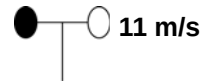
150 590 kg
+
54 430 kg



54,0 m



36,0 m

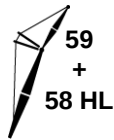


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	58,5	85,3	43 100							36,0
38,0	54,6	83,9	40 500							38,0
40,0	50,5	82,3	38 300							40,0
42,0	46,2	80,5	36 300	55,6	82,8	32 400				42,0
44,0	41,5	78,3	34 400	51,6	81,2	30 700				44,0
46,0	36,2	75,7	32 600	47,3	79,5	29 100				46,0
48,0	30,2	72,5	31 100	42,7	77,4	27 600				48,0
50,0	22,8	68,2	29 400	37,6	74,9	26 300	48,1	77,9	23 200	50,0
52,0				31,9	71,9	24 900	43,6	75,9	22 000	52,0
54,0				24,9	68,0	23 500	38,6	73,5	20 800	54,0
56,0				14,9	62,0	22 200	33,0	70,6	19 700	56,0
58,0							26,3	66,9	18 500	58,0
60,0							17,1	61,5	17 500	60,0

16000 MAX-ER

EN 13000



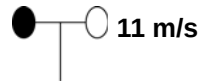
150 590 kg
+
54 430 kg



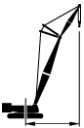
54,0 m

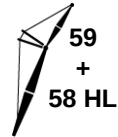


42,0 m



11 m/s

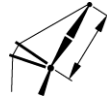
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
19,8	72,2	96,7	93 800 b							19,8
20,0	71,9	96,6	93 100 b							20,0
22,0	69,0	95,9	85 000							22,0
24,0	66,1	95,0	78 200							24,0
26,0	63,0	94,0	72 300	67,3	95,1	68 500				26,0
28,0	59,9	92,9	67 200	64,3	94,1	63 600				28,0
30,0	56,6	91,6	62 700	61,2	93,0	59 300	65,5	94,1	56 000	30,0
32,0	53,2	90,1	58 700	58,0	91,8	55 500	62,5	93,0	52 300	32,0
34,0	49,7	88,5	55 200	54,7	90,4	52 100	59,3	91,9	49 100	34,0
36,0	46,0	86,6	52 000	51,2	88,8	49 000	56,0	90,5	46 200	36,0
38,0	41,9	84,4	49 100	47,5	87,1	46 300	52,6	89,1	43 500	38,0
40,0	37,6	81,9	46 500	43,7	85,0	43 800	49,1	87,3	41 200	40,0
42,0	32,7	79,0	44 200	39,4	82,7	41 500	45,3	85,4	39 000	42,0
44,0	27,0	75,3	42 000	34,8	79,9	39 400	41,2	83,2	37 000	44,0
46,0	19,9	70,5	40 000	29,5	76,6	37 500	36,8	80,7	35 200	46,0
48,0				23,1	72,4	35 800	31,8	77,6	33 500	48,0
50,0				14,1	66,1	34 000	25,9	73,8	32 000	50,0
52,0							18,3	68,6	30 400	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0



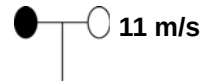
150 590 kg
+
54 430 kg



54,0 m



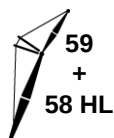
42,0 m



	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
19,8										19,8
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	60,3	91,1	39 200							38,0
40,0	57,1	89,9	37 000							40,0
42,0	53,7	88,4	35 000							42,0
44,0	50,2	86,8	33 100							44,0
46,0	46,5	84,9	31 400	54,6	87,3	27 900				46,0
48,0	42,5	82,8	29 900	51,1	85,7	26 500				48,0
50,0	38,2	80,4	28 400	47,4	83,9	25 100				50,0
52,0	33,4	77,5	27 100	43,5	81,9	23 900	51,7	84,1	20 900	52,0
54,0	27,9	74,0	25 800	39,3	79,5	22 800	48,1	82,4	19 800	54,0
56,0	21,0	69,3	24 500	34,7	76,8	21 700	44,3	80,4	18 900	56,0
58,0				29,4	73,4	20 600	40,1	78,1	17 900	58,0
60,0				22,9	69,2	19 500	35,5	75,4	17 000	60,0
62,0				13,7	62,7	18 400	30,4	72,2	16 100	62,0
64,0							24,2	68,1	15 200	64,0
66,0							15,8	62,3	14 400	66,0

16000 MAX-ER

EN 13000



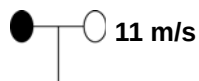
150 590 kg
+
54 430 kg



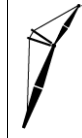
54,0 m

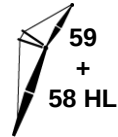


48,0 m



11 m/s

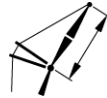
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
21,3	72,6	102,5	85 000							21,3
22,0	71,8	102,3	82 600							22,0
24,0	69,2	101,5	75 900							24,0
26,0	66,6	100,7	70 200	70,3	101,5	66 400				26,0
28,0	64,0	99,7	65 200	67,7	100,7	61 600				28,0
30,0	61,3	98,7	60 800	65,1	99,8	57 400				30,0
32,0	58,5	97,4	56 900	62,4	98,8	53 700	66,2	99,7	50 600	32,0
34,0	55,6	96,1	53 500	59,6	97,6	50 400	63,5	98,8	47 400	34,0
36,0	52,6	94,6	50 300	56,8	96,3	47 400	60,8	97,7	44 500	36,0
38,0	49,5	92,9	47 500	53,9	94,9	44 700	58,0	96,4	42 000	38,0
40,0	46,2	91,1	44 900	50,8	93,3	42 300	55,1	95,1	39 600	40,0
42,0	42,8	88,9	42 600	47,6	91,5	40 000	52,1	93,5	37 500	42,0
44,0	39,1	86,6	40 500	44,2	89,5	38 000	48,9	91,8	35 600	44,0
46,0	35,0	83,8	38 500	40,6	87,3	36 100	45,6	89,9	33 800	46,0
48,0	30,5	80,6	36 800	36,7	84,7	34 400	42,1	87,8	32 100	48,0
50,0	25,2	76,7	35 100	32,4	81,7	32 800	38,4	85,3	30 600	50,0
52,0	18,5	71,4	33 600	27,5	78,1	31 300	34,2	82,5	29 200	52,0
54,0				21,5	73,5	30 000	29,6	79,2	27 900	54,0
56,0				13,1	66,7	28 400	24,1	75,1	26 700	56,0
58,0							17,0	69,5	25 300	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0



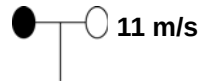
150 590 kg
+
54 430 kg



54,0 m



48,0 m

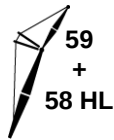


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
21,3										21,3
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	61,6	96,9	35 400							40,0
42,0	58,9	95,7	33 500							42,0
44,0	56,0	94,4	31 700							44,0
46,0	53,0	92,9	30 000							46,0
48,0	49,9	91,3	28 500	56,7	93,2	25 100				48,0
50,0	46,7	89,4	27 100	53,8	91,8	23 800				50,0
52,0	43,3	87,4	25 800	50,7	90,2	22 600				52,0
54,0	39,6	85,0	24 600	47,5	88,4	21 500				54,0
56,0	35,6	82,3	23 400	44,1	86,4	20 400				56,0
58,0	31,1	79,2	22 400	40,5	84,1	19 400	48,1	86,8	16 600	58,0
60,0	26,0	75,3	21 400	36,6	81,5	18 500	44,8	84,9	15 800	60,0
62,0	19,5	70,3	20 300	32,3	78,5	17 700	41,2	82,7	15 000	62,0
64,0	9,3	62,0	19 200	27,4	74,9	16 800	37,4	80,1	14 300	64,0
66,0				21,3	70,3	15 900	33,1	77,2	13 600	66,0
68,0				12,7	63,3	15 000	28,3	73,7	12 900	68,0
70,0							22,5	69,3	12 100	70,0
72,0							14,7	63,0	11 400	72,0

16000 MAX-ER

EN 13000



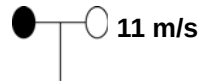
150 590 kg
+
54 430 kg



54,0 m

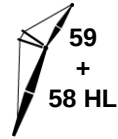


54,0 m



11 m/s

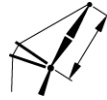
	86°			83°			80°			
m	m	m	kg	m	m	kg	m	kg	m	
22,9	72,9	108,3	77 300							22,9
24,0	71,6	107,9	73 900							24,0
26,0	69,4	107,2	68 300							26,0
28,0	67,1	106,4	63 400	70,3	107,2	59 900				28,0
30,0	64,7	105,4	59 100	68,0	106,4	55 700				30,0
32,0	62,3	104,4	55 300	65,7	105,5	52 100				32,0
34,0	59,9	103,3	51 900	63,3	104,5	48 900	66,7	105,4	45 900	34,0
36,0	57,4	102,0	48 900	60,9	103,4	46 000	64,3	104,5	43 100	36,0
38,0	54,8	100,6	46 100	58,4	102,2	43 300	61,9	103,4	40 600	38,0
40,0	52,1	99,1	43 600	55,9	100,9	40 900	59,5	102,2	38 300	40,0
42,0	49,4	97,4	41 300	53,3	99,4	38 700	56,9	101,0	36 200	42,0
44,0	46,5	95,5	39 200	50,5	97,8	36 700	54,3	99,6	34 300	44,0
46,0	43,4	93,5	37 300	47,7	96,0	34 900	51,7	98,0	32 600	46,0
48,0	40,2	91,2	35 500	44,7	94,0	33 200	48,9	96,3	31 000	48,0
50,0	36,7	88,6	33 800	41,6	91,8	31 600	45,9	94,4	29 500	50,0
52,0	32,9	85,6	32 300	38,2	89,4	30 200	42,9	92,3	28 000	52,0
54,0	28,6	82,1	30 900	34,5	86,6	28 800	39,6	89,9	26 700	54,0
56,0	23,7	77,9	29 600	30,5	83,3	27 500	36,1	87,3	25 500	56,0
58,0	17,4	72,3	28 300	25,9	79,5	26 300	32,2	84,2	24 400	58,0
60,0				20,3	74,6	25 200	27,8	80,7	23 400	60,0
62,0				12,3	67,3	23 900	22,7	76,3	22 400	62,0
64,0							16,0	70,3	21 300	64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0
74,0										74,0
76,0										76,0
78,0										78,0



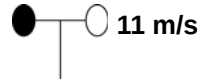
150 590 kg
+
54 430 kg



54,0 m



54,0 m



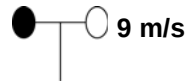
	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
22,9										22,9
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0	60,2	101,5	30 500							44,0
46,0	57,7	100,3	28 800							46,0
48,0	55,2	98,9	27 300							48,0
50,0	52,5	97,4	26 000							50,0
52,0	49,7	95,7	24 700	55,8	97,8	21 400				52,0
54,0	46,9	93,9	23 500	53,2	96,3	20 400				54,0
56,0	43,8	91,9	22 400	50,5	94,7	19 300				56,0
58,0	40,6	89,6	21 300	47,6	92,9	18 400				58,0
60,0	37,2	87,1	20 400	44,6	90,9	17 500	50,9	93,1	14 800	60,0
62,0	33,4	84,1	19 400	41,5	88,7	16 600	48,1	91,3	14 000	62,0
64,0	29,3	80,7	18 600	38,1	86,2	15 800	45,2	89,4	13 300	64,0
66,0	24,4	76,6	17 800	34,4	83,4	15 100	42,0	87,2	12 600	66,0
68,0	18,4	71,3	16 900	30,4	80,2	14 400	38,7	84,8	12 000	68,0
70,0	8,7	62,4	16 000	25,7	76,3	13 700	35,1	82,1	11 300	70,0
72,0				20,1	71,3	13 100	31,1	78,9	10 800	72,0
74,0				12,0	64,0	12 300	26,6	75,1	10 200	74,0
76,0							21,2	70,4	9 700	76,0
78,0							13,8	63,7	9 100	78,0



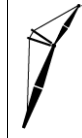
54,0 m

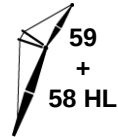


60,0 m



9 m/s

	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
24,4	73,1	114,1	70 500							24,4
26,0	71,5	113,6	66 300							26,0
28,0	69,5	112,8	61 500							28,0
30,0	67,4	112,0	57 300							30,0
32,0	65,3	111,1	53 700	68,3	112,1	50 400				32,0
34,0	63,2	110,1	50 300	66,2	111,2	47 300				34,0
36,0	61,0	109,0	47 300	64,1	110,2	44 400				36,0
38,0	58,8	107,8	44 600	61,9	109,2	41 800	64,9	110,2	39 100	38,0
40,0	56,5	106,5	42 200	59,7	108,0	39 500	62,8	109,2	36 900	40,0
42,0	54,2	105,1	39 900	57,5	106,8	37 300	60,6	108,0	34 800	42,0
44,0	51,7	103,6	37 800	55,1	105,4	35 400	58,4	106,8	33 000	44,0
46,0	49,2	101,9	35 900	52,8	103,9	33 500	56,1	105,5	31 200	46,0
48,0	46,6	100,0	34 200	50,3	102,3	31 900	53,7	104,1	29 600	48,0
50,0	43,9	98,0	32 600	47,7	100,5	30 300	51,3	102,5	28 200	50,0
52,0	41,0	95,7	31 100	45,1	98,5	28 900	48,8	100,8	26 800	52,0
54,0	38,0	93,2	29 700	42,3	96,4	27 500	46,2	98,9	25 500	54,0
56,0	34,7	90,5	28 300	39,3	94,0	26 300	43,4	96,8	24 300	56,0
58,0	31,1	87,3	27 100	36,1	91,3	25 100	40,5	94,5	23 200	58,0
60,0	27,1	83,6	26 000	32,7	88,3	24 100	37,4	92,0	22 200	60,0
62,0	22,4	79,1	24 900	28,8	84,9	23 000	34,1	89,1	21 200	62,0
64,0	16,4	73,2	23 800	24,5	80,8	22 000	30,5	85,9	20 300	64,0
66,0				19,2	75,6	21 100	26,3	82,1	19 400	66,0
68,0				11,6	67,9	20 100	21,5	77,4	18 600	68,0
70,0							15,1	71,1	17 700	70,0
72,0										72,0
74,0										74,0
76,0										76,0
78,0										78,0
80,0										80,0



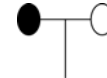
150 590 kg
+
54 430 kg



54,0 m



60,0 m



9 m/s

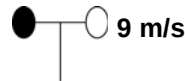
	75°			70°			
m	o	m	kg	o	m	kg	m
24,4							24,4
26,0							26,0
28,0							28,0
30,0							30,0
32,0							32,0
34,0							34,0
36,0							36,0
38,0							38,0
40,0							40,0
42,0							42,0
44,0							44,0
46,0	61,3	107,3	27 500				46,0
48,0	59,1	106,1	26 000				48,0
50,0	56,8	104,8	24 600				50,0
52,0	54,5	103,4	23 400				52,0
54,0	52,1	101,9	22 200				54,0
56,0	49,6	100,2	21 100	55,1	102,3	18 100	56,0
58,0	47,0	98,4	20 100	52,7	100,8	17 100	58,0
60,0	44,3	96,4	19 100	50,2	99,1	16 300	60,0
62,0	41,4	94,2	18 200	47,7	97,4	15 400	62,0
64,0	38,4	91,7	17 400	45,0	95,4	14 600	64,0
66,0	35,2	89,0	16 600	42,2	93,2	13 900	66,0
68,0	31,6	85,8	15 800	39,2	90,8	13 200	68,0
70,0	27,7	82,2	15 100	36,0	88,2	12 600	70,0
72,0	23,1	77,8	14 400	32,6	85,2	11 900	72,0
74,0	17,4	72,2	13 800	28,7	81,7	11 400	74,0
76,0	8,2	62,8	13 100	24,3	77,5	10 800	76,0
78,0				19,0	72,3	10 300	78,0
80,0				11,3	64,5	9 700	80,0



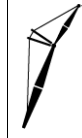
54,0 m

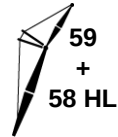


66,0 m



9 m/s

	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
25,9	73,3	119,9	59 500 *							25,9
26,0	73,3	119,9	59 500 *							26,0
28,0	71,4	119,2	58 800							28,0
30,0	69,6	118,5	55 800							30,0
32,0	67,7	117,7	52 000	70,3	118,5	48 700				32,0
34,0	65,8	116,8	48 700	68,5	117,7	45 600				34,0
36,0	63,9	115,8	45 800	66,6	116,9	42 800				36,0
38,0	61,9	114,8	43 100	64,7	115,9	40 300				38,0
40,0	59,9	113,7	40 700	62,7	114,9	38 000	65,5	115,9	35 400	40,0
42,0	57,9	112,4	38 500	60,8	113,8	35 900	63,5	114,9	33 400	42,0
44,0	55,8	111,1	36 500	58,7	112,6	34 000	61,6	113,8	31 600	44,0
46,0	53,6	109,6	34 600	56,7	111,3	32 200	59,6	112,7	29 900	46,0
48,0	51,4	108,1	32 800	54,5	109,9	30 600	57,5	111,4	28 300	48,0
50,0	49,1	106,3	31 200	52,4	108,4	29 000	55,4	110,0	26 900	50,0
52,0	46,8	104,5	29 800	50,1	106,8	27 600	53,3	108,6	25 500	52,0
54,0	44,3	102,5	28 400	47,8	105,0	26 300	51,0	107,0	24 300	54,0
56,0	41,7	100,3	27 100	45,4	103,0	25 000	48,7	105,2	23 100	56,0
58,0	39,0	97,9	25 800	42,8	100,9	23 900	46,4	103,4	22 000	58,0
60,0	36,1	95,2	24 700	40,2	98,6	22 800	43,9	101,3	20 900	60,0
62,0	33,0	92,2	23 700	37,4	96,0	21 800	41,3	99,1	20 000	62,0
64,0	29,6	88,9	22 700	34,4	93,2	20 800	38,5	96,6	19 100	64,0
66,0	25,8	84,9	21 700	31,1	90,0	19 900	35,6	93,9	18 200	66,0
68,0	21,3	80,2	20 800	27,4	86,3	19 100	32,4	90,9	17 400	68,0
70,0	15,6	74,0	20 000	23,3	82,0	18 300	29,0	87,4	16 600	70,0
72,0				18,2	76,5	17 500	25,1	83,4	15 900	72,0
74,0				11,0	68,5	16 700	20,4	78,4	15 200	74,0
76,0							14,4	71,8	14 600	76,0
78,0										78,0
80,0										80,0
82,0										82,0



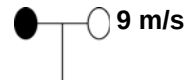
150 590 kg
+
54 430 kg



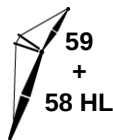
54,0 m



66,0 m



	75°		
	m		kg
25,9			
26,0			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0			
48,0	62,2	113,1	24 700
50,0	60,2	111,9	23 300
52,0	58,1	110,7	22 100
54,0	56,1	109,4	20 900
56,0	53,9	107,9	19 900
58,0	51,7	106,4	18 900
60,0	49,5	104,7	17 900
62,0	47,1	102,9	17 000
64,0	44,7	100,9	16 200
66,0	42,1	98,7	15 400
68,0	39,4	96,3	14 700
70,0	36,5	93,7	14 000
72,0	33,5	90,8	13 300
74,0	30,1	87,4	12 700
76,0	26,3	83,6	12 100
78,0	22,0	79,0	11 500
80,0	16,5	73,1	11 000
82,0	7,8	63,2	10 400



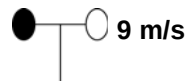
150 590 kg
+
54 430 kg



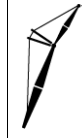
54,0 m

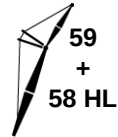


72,0 m



9 m/s

	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
27,4	73,5	125,8	50 500 *							27,4
28,0	73,0	125,6	50 500 *							28,0
30,0	71,4	124,9	50 200 *							30,0
32,0	69,7	124,2	49 900 *							32,0
34,0	67,9	123,4	47 200	70,4	124,2	44 100				34,0
36,0	66,2	122,5	44 300	68,7	123,4	41 400				36,0
38,0	64,4	121,6	41 700	66,9	122,6	38 900				38,0
40,0	62,7	120,5	39 300	65,2	121,6	36 600	67,6	122,4	34 000	40,0
42,0	60,8	119,4	37 100	63,4	120,7	34 600	65,9	121,6	32 000	42,0
44,0	59,0	118,2	35 200	61,6	119,6	32 700	64,1	120,6	30 200	44,0
46,0	57,1	117,0	33 300	59,8	118,4	30 900	62,3	119,6	28 600	46,0
48,0	55,2	115,6	31 600	57,9	117,2	29 300	60,5	118,4	27 100	48,0
50,0	53,2	114,1	30 100	56,0	115,8	27 800	58,7	117,2	25 600	50,0
52,0	51,2	112,5	28 600	54,0	114,4	26 400	56,8	115,9	24 300	52,0
54,0	49,1	110,8	27 200	52,0	112,9	25 100	54,8	114,5	23 000	54,0
56,0	46,9	109,0	26 000	49,9	111,2	23 900	52,8	113,1	21 900	56,0
58,0	44,7	107,0	24 800	47,8	109,4	22 800	50,8	111,4	20 800	58,0
60,0	42,3	104,8	23 600	45,6	107,5	21 700	48,7	109,7	19 800	60,0
62,0	39,9	102,5	22 500	43,3	105,4	20 700	46,5	107,8	18 900	62,0
64,0	37,3	99,9	21 600	40,9	103,2	19 700	44,3	105,8	18 000	64,0
66,0	34,5	97,1	20 600	38,4	100,7	18 800	41,9	103,6	17 100	66,0
68,0	31,6	93,9	19 800	35,7	98,0	18 000	39,4	101,3	16 300	68,0
70,0	28,3	90,4	18 900	32,8	95,0	17 200	36,8	98,7	15 500	70,0
72,0	24,6	86,2	18 100	29,7	91,6	16 500	34,0	95,8	14 800	72,0
74,0	20,4	81,3	17 400	26,2	87,7	15 700	31,0	92,6	14 200	74,0
76,0	14,9	74,7	16 700	22,3	83,2	15 100	27,7	88,9	13 500	76,0
78,0				17,4	77,4	14 500	23,9	84,7	12 900	78,0
80,0				10,5	69,0	13 800	19,5	79,5	12 300	80,0
82,0							13,8	72,5	11 800	82,0
84,0										84,0
86,0										86,0
88,0										88,0



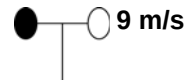
150 590 kg
+
54 430 kg



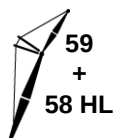
54,0 m



72,0 m



	75°		
	m	m	kg
27,4			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0			
48,0			
50,0			
52,0	61,1	117,7	20 800
54,0	59,2	116,5	19 700
56,0	57,4	115,2	18 700
58,0	55,4	113,9	17 700
60,0	53,5	112,4	16 700
62,0	51,4	110,8	15 900
64,0	49,4	109,2	15 100
66,0	47,2	107,3	14 300
68,0	45,0	105,4	13 600
70,0	42,6	103,2	12 900
72,0	40,2	100,9	12 200
74,0	37,6	98,4	11 600
76,0	34,9	95,6	11 000
78,0	32,0	92,5	10 400
80,0	28,8	89,0	9 900
82,0	25,2	84,9	9 400
84,0	21,0	80,1	8 900
86,0	15,8	73,9	8 400
88,0	7,4	63,5	8 000



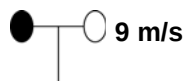
150 590 kg
+
54 430 kg



54,0 m



78,0 m



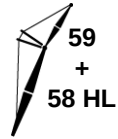
9 m/s

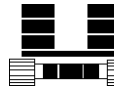
	86°			83°			80°			
	m	m	kg	m	m	kg	m	kg	m	m
29,0	73,6	131,6	43 000 *							29,0
30,0	72,8	131,2	42 900 *							30,0
32,0	71,3	130,6	42 600 *							32,0
34,0	69,7	129,8	42 300 *							34,0
36,0	68,1	129,0	42 000 *							36,0
38,0	66,5	128,2	40 400	68,8	129,1	37 600				38,0
40,0	64,9	127,2	38 100	67,2	128,2	35 400				40,0
42,0	63,3	126,3	35 900	65,6	127,3	33 300				42,0
44,0	61,6	125,2	34 000	64,0	126,4	31 500	66,3	127,2	29 100	44,0
46,0	59,9	124,0	32 200	62,3	125,3	29 800	64,6	126,3	27 400	46,0
48,0	58,2	122,8	30 500	60,6	124,2	28 200	63,0	125,3	25 900	48,0
50,0	56,4	121,5	28 900	58,9	123,0	26 700	61,3	124,2	24 500	50,0
52,0	54,7	120,1	27 500	57,2	121,7	25 300	59,6	123,0	23 200	52,0
54,0	52,8	118,6	26 100	55,4	120,4	24 000	57,9	121,8	22 000	54,0
56,0	50,9	117,0	24 900	53,6	118,9	22 900	56,1	120,5	20 800	56,0
58,0	49,0	115,3	23 700	51,7	117,4	21 700	54,3	119,1	19 800	58,0
60,0	47,0	113,4	22 600	49,8	115,7	20 700	52,5	117,5	18 800	60,0
62,0	44,9	111,5	21 600	47,8	113,9	19 700	50,6	115,9	17 800	62,0
64,0	42,8	109,3	20 600	45,8	112,0	18 700	48,7	114,2	17 000	64,0
66,0	40,6	107,1	19 600	43,7	109,9	17 900	46,6	112,3	16 100	66,0
68,0	38,2	104,6	18 800	41,5	107,7	17 000	44,6	110,3	15 300	68,0
70,0	35,7	101,9	17 900	39,2	105,3	16 200	42,4	108,2	14 600	70,0
72,0	33,1	98,9	17 100	36,8	102,7	15 500	40,2	105,8	13 900	72,0
74,0	30,3	95,6	16 400	34,2	99,8	14 800	37,8	103,3	13 200	74,0
76,0	27,1	91,8	15 700	31,5	96,7	14 100	35,3	100,6	12 600	76,0
78,0	23,6	87,5	15 100	28,5	93,1	13 500	32,6	97,5	11 900	78,0
80,0	19,5	82,3	14 400	25,2	89,1	12 900	29,7	94,2	11 400	80,0
82,0	14,3	75,5	13 800	21,4	84,3	12 300	26,6	90,3	10 800	82,0
84,0				16,7	78,3	11 700	23,0	85,9	10 300	84,0
86,0				10,1	69,5	11 300	18,7	80,4	9 800	86,0
88,0							13,2	73,2	9 300	88,0



EN 13000

16000 MAX-ER

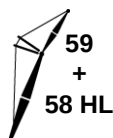


 150 590 kg
+
 54 430 kg



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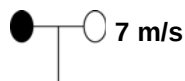
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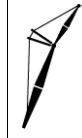


54,0 m



84,0 m



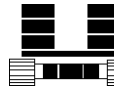
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
30,5	73,8	137,4	36 700 *							30,5
32,0	72,7	136,9	36 500 *							32,0
34,0	71,2	136,2	36 200 *							34,0
36,0	69,8	135,5	35 900 *							36,0
38,0	68,3	134,7	35 600 *							38,0
40,0	66,8	133,9	35 200 *	68,9	134,7	34 000				40,0
42,0	65,3	132,9	34 500	67,5	133,9	32 000				42,0
44,0	63,8	132,0	32 700	66,0	133,0	30 100				44,0
46,0	62,3	130,9	30 900	64,5	132,1	28 500	66,6	132,9	26 100	46,0
48,0	60,7	129,8	29 200	62,9	131,1	26 900	65,1	132,0	24 600	48,0
50,0	59,1	128,6	27 700	61,4	130,0	25 500	63,5	131,0	23 200	50,0
52,0	57,5	127,4	26 300	59,8	128,8	24 100	62,0	129,9	22 000	52,0
54,0	55,9	126,0	25 000	58,2	127,6	22 900	60,4	128,8	20 700	54,0
56,0	54,2	124,6	23 700	56,6	126,3	21 700	58,9	127,6	19 700	56,0
58,0	52,5	123,1	22 600	54,9	124,9	20 600	57,2	126,4	18 600	58,0
60,0	50,7	121,5	21 500	53,2	123,4	19 500	55,6	125,0	17 600	60,0
62,0	48,9	119,8	20 400	51,5	121,8	18 500	53,9	123,6	16 700	62,0
64,0	47,1	117,9	19 500	49,7	120,2	17 600	52,2	122,0	15 800	64,0
66,0	45,2	116,0	18 600	47,9	118,4	16 800	50,4	120,4	15 000	66,0
68,0	43,2	113,9	17 700	46,0	116,5	15 900	48,6	118,7	14 200	68,0
70,0	41,2	111,6	16 900	44,0	114,4	15 100	46,8	116,8	13 500	70,0
72,0	39,0	109,2	16 100	42,0	112,2	14 400	44,8	114,8	12 800	72,0
74,0	36,8	106,6	15 300	39,9	109,9	13 700	42,8	112,7	12 100	74,0
76,0	34,4	103,7	14 600	37,7	107,4	13 000	40,8	110,4	11 500	76,0
78,0	31,8	100,6	14 000	35,4	104,6	12 400	38,6	108,0	10 900	78,0
80,0	29,1	97,1	13 300	32,9	101,6	11 800	36,3	105,3	10 300	80,0
82,0	26,1	93,2	12 700	30,3	98,3	11 200	33,9	102,4	9 800	82,0
84,0	22,8	88,7	12 100	27,4	94,6	10 700	31,4	99,2	9 200	84,0
86,0	18,8	83,3	11 600	24,2	90,3	10 200	28,6	95,7	8 700	86,0
88,0	13,8	76,2	11 100	20,5	85,3	9 700	25,6	91,7	8 300	88,0
90,0				16,1	79,1	9 200	22,1	87,0	7 800	90,0
92,0				9,7	70,0	8 800	18,0	81,4	7 400	92,0
94,0							12,7	73,8	7 000	94,0



EN 13000

16000 MAX-ER



 150 590 kg
+
 54 430 kg

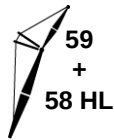


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REFERENCE ONLY!

16000 MAX-ER

EN 13000



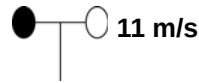
150 590 kg
+
54 430 kg

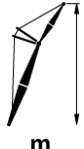
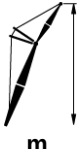


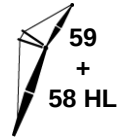
60,0 m



24,0 m



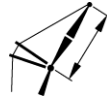
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
15,2	70,9	85,3	126 100 c							15,2
16,0	69,0	85,0	120 900 c							16,0
18,0	63,7	84,1	108 300 b							18,0
20,0	58,1	82,9	98 200 b	66,7	84,3	92 700 c				20,0
22,0	52,1	81,4	89 700 b	61,3	83,2	84 600 b				22,0
24,0	45,6	79,5	82 600	55,6	81,9	77 800 b	64,4	83,4	73 300 b	24,0
26,0	38,2	77,1	76 500	49,4	80,3	71 900	58,9	82,2	67 700 b	26,0
28,0	29,1	73,9	71 200	42,6	78,2	66 800	53,0	80,7	62 800 b	28,0
30,0	15,4	68,5	66 800	34,6	75,6	62 400	46,5	78,9	58 600	30,0
32,0				24,3	71,7	58 600	39,3	76,6	54 800	32,0
34,0							30,5	73,6	51 500	34,0
36,0							17,9	68,7	48 600	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



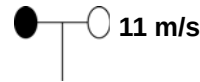
150 590 kg
+
54 430 kg

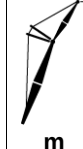


60,0 m



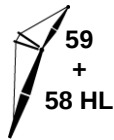
24,0 m



	75°			70°			65°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	56,4	80,4	49 100 b							32,0
34,0	50,3	78,8	46 100							34,0
36,0	43,5	76,8	43 300							36,0
38,0	35,7	74,2	40 800	53,4	78,0	36 200 b				38,0
40,0	25,8	70,6	38 600	47,0	76,2	34 200				40,0
42,0				39,8	73,9	32 300				42,0
44,0				31,2	70,9	30 600				44,0
46,0							43,0	72,9	25 300	46,0
48,0							35,1	70,2	24 000	48,0
50,0							24,9	66,5	22 700	50,0

16000 MAX-ER

EN 13000



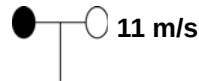
150 590 kg
+
54 430 kg



60,0 m

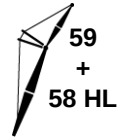


30,0 m



11 m/s

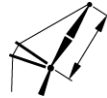
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
16,8	71,8	91,2	112 200 c							16,8
18,0	69,3	90,7	105 300 b							18,0
20,0	65,1	89,8	95 400 b							20,0
22,0	60,7	88,7	87 200 b	67,5	90,0	82 300 b				22,0
24,0	56,2	87,4	80 300	63,3	89,0	75 600 b				24,0
26,0	51,4	85,9	74 300	58,8	87,8	69 900	65,7	89,1	65 700 b	26,0
28,0	46,2	84,0	69 100	54,2	86,4	65 000	61,3	88,0	61 000 b	28,0
30,0	40,4	81,8	64 600	49,2	84,8	60 600	56,8	86,7	56 900	30,0
32,0	33,9	79,0	60 600	43,8	82,8	56 800	52,0	85,2	53 300	32,0
34,0	25,8	75,3	57 100	37,8	80,3	53 400	46,9	83,4	50 000	34,0
36,0	13,6	69,2	54 100	30,7	77,2	50 400	41,2	81,2	47 100	36,0
38,0				21,5	72,8	47 700	34,8	78,5	44 500	38,0
40,0							27,0	75,0	42 100	40,0
42,0							15,8	69,5	40 000	42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0



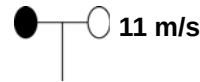
150 590 kg
+
54 430 kg



60,0 m



30,0 m

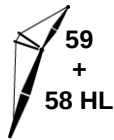


11 m/s

	75°			70°			65°			
	m	o	m	kg	o	m	kg	o	m	kg
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	59,4	86,3	44 600							34,0
36,0	54,8	84,9	41 900							36,0
38,0	49,8	83,3	39 500							38,0
40,0	44,5	81,3	37 300							40,0
42,0	38,6	78,9	35 400	52,4	82,4	31 100				42,0
44,0	31,7	75,9	33 500	47,3	80,7	29 400				44,0
46,0	22,9	71,8	31 900	41,7	78,5	27 900				46,0
48,0				35,3	75,9	26 500	49,5	79,4	22 900	48,0
50,0				27,6	72,4	25 200	44,1	77,4	21 700	50,0
52,0							38,1	75,0	20 700	52,0
54,0							31,1	71,9	19 600	54,0
56,0							22,1	67,6	18 600	56,0

16000 MAX-ER

EN 13000



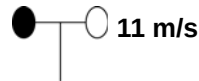
150 590 kg
+
54 430 kg



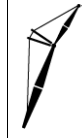
60,0 m

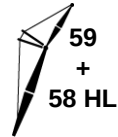


36,0 m



11 m/s

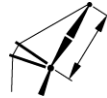
	86°			83°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
18,3	72,4	97,0	100 400 b							18,3
20,0	69,5	96,4	92 500 b							20,0
22,0	66,0	95,5	84 600 b							22,0
24,0	62,5	94,5	77 900	68,0	95,7	73 300 b				24,0
26,0	58,8	93,3	72 000	64,5	94,7	67 700				26,0
28,0	54,9	91,9	67 000	60,9	93,6	62 900	66,5	94,8	59 000 b	28,0
30,0	50,8	90,3	62 600	57,1	92,4	58 700	62,9	93,8	54 900	30,0
32,0	46,5	88,5	58 700	53,2	90,9	55 000	59,3	92,6	51 400	32,0
34,0	41,8	86,3	55 100	49,0	89,2	51 600	55,4	91,2	48 200	34,0
36,0	36,7	83,8	52 000	44,6	87,3	48 700	51,4	89,7	45 400	36,0
38,0	30,7	80,6	49 200	39,7	84,9	45 900	47,1	87,9	42 800	38,0
40,0	23,4	76,5	46 700	34,2	82,2	43 500	42,5	85,8	40 500	40,0
42,0				27,8	78,7	41 300	37,4	83,3	38 400	42,0
44,0				19,5	73,8	39 300	31,6	80,2	36 500	44,0
46,0							24,5	76,3	34 700	46,0
48,0							14,3	70,2	33 200	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0



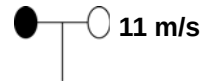
150 590 kg
+
54 430 kg



60,0 m



36,0 m

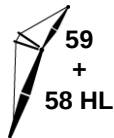


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	57,6	90,8	37 900							38,0
40,0	53,7	89,4	35 800							40,0
42,0	49,6	87,7	33 800							42,0
44,0	45,2	85,8	32 100							44,0
46,0	40,3	83,5	30 400	51,7	86,9	26 500				46,0
48,0	35,0	80,8	29 000	47,4	85,1	25 100				48,0
50,0	28,7	77,4	27 600	42,8	83,1	23 900				50,0
52,0	20,7	72,8	26 300	37,8	80,6	22 700	49,2	83,8	19 300	52,0
54,0				32,0	77,6	21 600	44,8	81,9	18 300	54,0
56,0				25,1	73,7	20 600	40,0	79,6	17 400	56,0
58,0							34,5	76,8	16 500	58,0
60,0							28,2	73,4	15 700	60,0
62,0							20,0	68,7	14 900	62,0

16000 MAX-ER

EN 13000



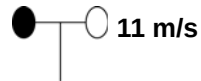
150 590 kg
+
54 430 kg



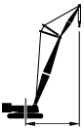
60,0 m

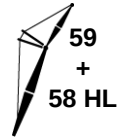


42,0 m



11 m/s

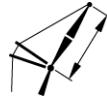
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
19,8	72,8	102,8	90 600 b							19,8
20,0	72,5	102,8	89 900 b							20,0
22,0	69,6	102,0	82 200 b							22,0
24,0	66,7	101,2	75 700							24,0
26,0	63,6	100,2	70 100	68,4	101,3	65 800				26,0
28,0	60,5	99,1	65 200	65,4	100,4	61 100				28,0
30,0	57,3	97,8	60 800	62,3	99,4	57 000				30,0
32,0	54,0	96,4	57 000	59,2	98,2	53 300	64,1	99,5	49 900	32,0
34,0	50,5	94,8	53 600	55,9	96,9	50 100	61,0	98,4	46 700	34,0
36,0	46,8	93,0	50 500	52,5	95,4	47 200	57,7	97,2	44 000	36,0
38,0	42,8	90,9	47 700	48,9	93,7	44 500	54,4	95,8	41 500	38,0
40,0	38,5	88,5	45 200	45,1	91,8	42 200	50,9	94,2	39 200	40,0
42,0	33,8	85,6	42 900	41,0	89,5	40 000	47,3	92,4	37 100	42,0
44,0	28,3	82,2	40 800	36,6	87,0	38 000	43,4	90,3	35 200	44,0
46,0	21,6	77,6	38 900	31,6	83,9	36 100	39,1	87,9	33 500	46,0
48,0				25,6	80,0	34 400	34,5	85,2	31 900	48,0
50,0				17,9	74,8	32 900	29,1	81,8	30 400	50,0
52,0							22,6	77,5	29 000	52,0
54,0							13,1	70,8	27 800	54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0



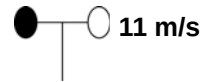
150 590 kg
+
54 430 kg



60,0 m



42,0 m

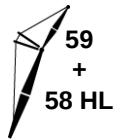


11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
19,8										19,8
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	59,6	96,7	34 500							40,0
42,0	56,3	95,3	32 600							42,0
44,0	52,9	93,9	30 900							44,0
46,0	49,4	92,2	29 300							46,0
48,0	45,6	90,3	27 800	54,7	93,0	24 000				48,0
50,0	41,6	88,1	26 400	51,2	91,4	22 700				50,0
52,0	37,2	85,6	25 200	47,5	89,6	21 600				52,0
54,0	32,2	82,6	24 000	43,6	87,6	20 500				54,0
56,0	26,5	78,8	22 900	39,4	85,2	19 500	49,1	88,3	16 400	56,0
58,0	19,1	73,8	21 900	34,8	82,5	18 600	45,3	86,4	15 500	58,0
60,0				29,5	79,2	17 700	41,2	84,2	14 700	60,0
62,0				23,1	74,9	16 900	36,8	81,6	14 000	62,0
64,0				14,0	68,6	16 100	31,8	78,6	13 300	64,0
66,0							26,0	74,8	12 600	66,0
68,0							18,4	69,6	12 000	68,0

16000 MAX-ER

EN 13000



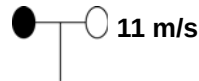
150 590 kg
+
54 430 kg



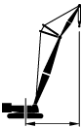
60,0 m

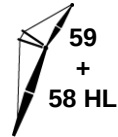


48,0 m



11 m/s

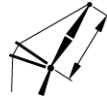
	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
21,3	73,1	108,6	82 100							21,3
22,0	72,3	108,4	79 800							22,0
24,0	69,8	107,7	73 400							24,0
26,0	67,2	106,8	68 000							26,0
28,0	64,5	105,9	63 200	68,7	107,0	59 200				28,0
30,0	61,8	104,9	59 000	66,1	106,1	55 100				30,0
32,0	59,1	103,7	55 200	63,4	105,1	51 600	67,5	106,1	48 000	32,0
34,0	56,2	102,4	51 900	60,7	104,0	48 400	64,9	105,2	45 000	34,0
36,0	53,3	100,9	48 800	57,9	102,8	45 600	62,2	104,2	42 400	36,0
38,0	50,2	99,3	46 100	55,0	101,4	43 000	59,4	103,0	39 900	38,0
40,0	46,9	97,4	43 600	52,0	99,9	40 600	56,6	101,7	37 700	40,0
42,0	43,5	95,4	41 400	48,8	98,2	38 500	53,7	100,2	35 700	42,0
44,0	39,9	93,1	39 300	45,5	96,2	36 500	50,6	98,6	33 800	44,0
46,0	35,9	90,4	37 400	42,0	94,1	34 700	47,4	96,8	32 100	46,0
48,0	31,5	87,3	35 700	38,2	91,6	33 000	44,0	94,8	30 500	48,0
50,0	26,4	83,5	34 100	34,1	88,8	31 500	40,4	92,5	29 000	50,0
52,0	20,1	78,7	32 600	29,4	85,4	30 100	36,4	89,9	27 700	52,0
54,0				23,9	81,3	28 800	32,1	86,9	26 400	54,0
56,0				16,7	75,6	27 600	27,1	83,2	25 300	56,0
58,0							21,0	78,6	24 200	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0
74,0										74,0



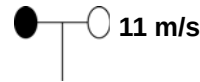
150 590 kg
+
54 430 kg



60,0 m



48,0 m



11 m/s

	75°			70°			65°			
m	o	m	kg	o	m	kg	o	m	kg	m
21,3										21,3
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0	61,0	102,4	31 100							42,0
44,0	58,2	101,2	29 400							44,0
46,0	55,3	99,9	27 900							46,0
48,0	52,3	98,3	26 400							48,0
50,0	49,2	96,7	25 100							50,0
52,0	45,9	94,8	23 900	53,9	97,5	20 300				52,0
54,0	42,5	92,7	22 700	50,8	95,9	19 200				54,0
56,0	38,7	90,2	21 700	47,6	94,1	18 200				56,0
58,0	34,6	87,5	20 600	44,2	92,1	17 300	52,1	94,5	14 200	58,0
60,0	30,0	84,2	19 700	40,6	89,8	16 500	49,0	92,8	13 400	60,0
62,0	24,7	80,2	18 800	36,7	87,2	15 700	45,7	90,9	12 700	62,0
64,0	17,8	74,7	18 000	32,4	84,2	15 000	42,2	88,7	12 100	64,0
66,0				27,5	80,6	14 300	38,4	86,3	11 400	66,0
68,0				21,5	76,1	13 600	34,3	83,5	10 800	68,0
70,0				13,0	69,2	13 000	29,7	80,2	10 200	70,0
72,0							24,2	76,1	9 700	72,0
74,0							17,1	70,5	9 200	74,0

16000 MAX-ER

EN 13000



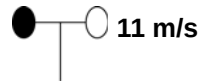
150 590 kg
+
54 430 kg



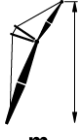
60,0 m

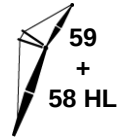


54,0 m



11 m/s

	86°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
22,9	73,4	114,4	74 800							22,9
24,0	72,1	114,1	71 500							24,0
26,0	69,8	113,3	66 100							26,0
28,0	67,6	112,5	61 500							28,0
30,0	65,2	111,6	57 300	68,9	112,7	53 500				30,0
32,0	62,8	110,6	53 700	66,6	111,8	50 000				32,0
34,0	60,4	109,5	50 400	64,2	110,8	47 000				34,0
36,0	57,9	108,3	47 400	61,8	109,8	44 200	65,5	110,9	41 000	36,0
38,0	55,4	106,9	44 800	59,4	108,6	41 600	63,2	109,9	38 600	38,0
40,0	52,7	105,4	42 300	56,8	107,3	39 300	60,7	108,8	36 400	40,0
42,0	50,0	103,8	40 100	54,2	105,9	37 200	58,3	107,6	34 400	42,0
44,0	47,1	101,9	38 100	51,5	104,4	35 300	55,7	106,2	32 500	44,0
46,0	44,1	99,9	36 200	48,7	102,6	33 500	53,1	104,7	30 900	46,0
48,0	40,9	97,7	34 500	45,8	100,7	31 900	50,3	103,1	29 300	48,0
50,0	37,5	95,1	32 900	42,7	98,6	30 300	47,5	101,3	27 900	50,0
52,0	33,7	92,2	31 400	39,4	96,3	28 900	44,5	99,3	26 500	52,0
54,0	29,6	88,9	30 000	35,9	93,6	27 600	41,3	97,1	25 300	54,0
56,0	24,8	84,9	28 700	32,0	90,5	26 400	37,9	94,6	24 200	56,0
58,0	18,9	79,7	27 600	27,6	86,9	25 300	34,3	91,8	23 100	58,0
60,0				22,5	82,5	24 200	30,2	88,5	22 100	60,0
62,0				15,7	76,4	23 300	25,5	84,6	21 100	62,0
64,0							19,8	79,6	20 200	64,0
66,0										66,0
68,0										68,0
70,0										70,0
72,0										72,0
74,0										74,0
76,0										76,0



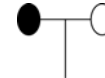
150 590 kg
+
54 430 kg



60,0 m



54,0 m



11 m/s

	75°			70°			
m	o	m	kg	o	m	kg	m
22,9							22,9
24,0							24,0
26,0							26,0
28,0							28,0
30,0							30,0
32,0							32,0
34,0							34,0
36,0							36,0
38,0							38,0
40,0							40,0
42,0							42,0
44,0							44,0
46,0	59,7	107,1	26 700				46,0
48,0	57,2	105,8	25 300				48,0
50,0	54,6	104,4	24 000				50,0
52,0	51,9	102,8	22 700				52,0
54,0	49,1	101,1	21 600	55,9	103,4	18 100	54,0
56,0	46,2	99,3	20 600	53,3	102,0	17 200	56,0
58,0	43,1	97,2	19 600	50,5	100,3	16 300	58,0
60,0	39,9	94,8	18 700	47,7	98,6	15 500	60,0
62,0	36,4	92,2	17 800	44,7	96,6	14 700	62,0
64,0	32,5	89,2	17 000	41,5	94,4	14 000	64,0
66,0	28,2	85,7	16 200	38,2	91,9	13 300	66,0
68,0	23,2	81,4	15 500	34,5	89,1	12 600	68,0
70,0	16,7	75,6	14 800	30,5	85,9	12 000	70,0
72,0				25,9	82,0	11 400	72,0
74,0				20,2	77,1	10 800	74,0
76,0				12,2	69,8	10 300	76,0