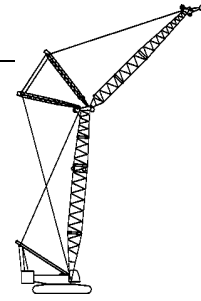




Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 134 260 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating



16000 SERIES 2



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75%

of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 4 310 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 5 900 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 7 940 kg minimum weight suspended beneath luffing jib point.

Caution: Do not luff into areas indicated by (b), (c) or (d) 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.

Lower boom point must be completely removed from 54,0 m boom length.

Upper luffing jib 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 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 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. A13555**, Wire Rope Specification chart **No. 8724-A**, Counterweight Arrangement chart **No. 8682-A**, Luffing Jib Raising Procedure chart **No. 8723-A**, and Wind Conditions chart **No. 8688-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering,

travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8732-A**.



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



BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts.



LUFFING JIB ANGLE: Luffing jib angle in degrees ($^{\circ}$) 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.



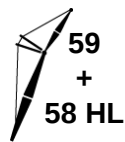
LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 10 363 mm crawlers, 1 524 mm treads, 9 754 mm live mast, 26 part boom hoist reeving, boom support straps, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 134 260 kg crane counterweight, and two 13 610 kg counterweights.

Boom and/or Jib Catwalks Deduct

Deduct 450 kg from capacities when boom and/or jib catwalks are attached.

Explanation of Symbols



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



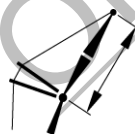
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Luffing Jib Length

Explanation of Symbols (continued)



Boom Angle
(see page 1)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



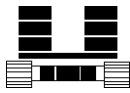
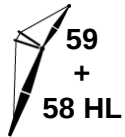
Luffing Jib Elevation
(see page 1)



Lifting Capacities
(see page 1)

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

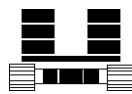
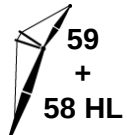


24,0 m

	87°			85°			80°			
	m	m	kg	m	kg	m	kg	m	m	
11,6	73,5	55,8	185 200 *c							11,6
12,0	72,5	55,7	180 100 *c							12,0
14,0	67,3	54,9	151 400 b	70,1	55,2	148 900 b				14,0
16,0	62,0	53,9	125 200 b	64,9	54,3	123 000 b				16,0
18,0	56,3	52,6	106 700	59,4	53,2	104 900				18,0
20,0	50,2	51,0	92 800	53,5	51,8	91 300	61,1	53,1	87 300 b	20,0
22,0	43,4	49,0	81 900	47,1	50,0	80 500	55,4	51,8	77 100	22,0
24,0	35,6	46,4	73 100	39,9	47,7	71 900	49,2	50,2	68 800	24,0
26,0	25,7	42,7	65 800	31,3	44,7	64 700	42,3	48,1	62 000	26,0
28,0				19,3	40,1	58 600	34,2	45,3	56 200	28,0
30,0							23,7	41,4	51 300	30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0

16000 S-2

ANSI B30.5



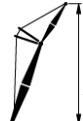
134 260 kg
+
27 220 kg



30,0 m

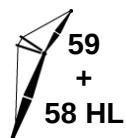


24,0 m

	75°			70°			65°			
 m	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	57,1	51,6	65 800							24,0
26,0	51,0	50,0	59 200							26,0
28,0	44,4	48,1	53 800	52,6	49,6	51 300				28,0
30,0	36,7	45,6	49 100	46,1	47,7	46 800				30,0
32,0	27,2	42,1	45 000	38,8	45,4	43 000	47,6	47,1	40 900	32,0
34,0				29,9	42,3	39 600	40,4	44,9	37 700	34,0
36,0				16,8	37,2	36 600	32,0	41,9	34 900	36,0
38,0							20,3	37,5	32 400	38,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

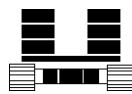
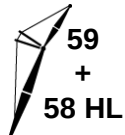


30,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
13,7	72,7	61,4	154 700 *b							13,7
14,0	72,1	61,3	150 800 b							14,0
16,0	68,0	60,6	125 100 b	70,2	60,9	123 400 b				16,0
18,0	63,8	59,6	106 600	66,0	60,0	104 700				18,0
20,0	59,4	58,5	92 700	61,7	59,0	91 100	67,3	59,9	87 100 b	20,0
22,0	54,7	57,1	81 800	57,2	57,7	80 300	63,1	58,9	76 800	22,0
24,0	49,8	55,4	73 100	52,4	56,2	71 700	58,6	57,7	68 500	24,0
26,0	44,4	53,5	65 800	47,3	54,5	64 700	54,0	56,3	61 800	26,0
28,0	38,5	51,1	59 800	41,7	52,3	58 700	49,0	54,6	56 100	28,0
30,0	31,6	48,1	54 600	35,4	49,7	53 700	43,5	52,6	51 300	30,0
32,0		43,9	50 200	27,8	46,2	49 300	37,5	50,1	47 100	32,0
34,0				17,0	41,0	45 400	30,3	47,0	43 500	34,0
36,0							21,0	42,5	40 200	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0

16000 S-2

ANSI B30.5



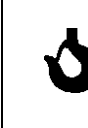
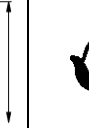
134 260 kg
+
27 220 kg



30,0 m

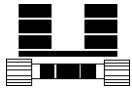
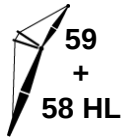


30,0 m

	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	59,9	57,4	58 900							26,0
28,0	55,3	56,1	53 400							28,0
30,0	50,4	54,5	48 800							30,0
32,0	45,2	52,6	44 900	51,7	54,0	42 700				32,0
34,0	39,3	50,2	41 400	46,6	52,2	39 400				34,0
36,0	32,6	47,3	38 400	40,9	50,0	36 500	47,7	51,5	34 600	36,0
38,0	24,1	43,4	35 600	34,4	47,3	33 900	42,1	49,4	32 100	38,0
40,0				26,5	43,7	31 600	35,9	46,8	29 900	40,0
42,0				14,8	37,9	29 400	28,4	43,5	28 000	42,0
44,0							18,0	38,4	26 100	44,0

16000 S-2

ANSI B30.5



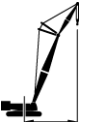
134 260 kg
+
27 220 kg



30,0 m

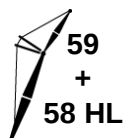


36,0 m

	 87°			 85°			 80°			
	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
15,2	73,1	67,3	133 400 b							15,2
16,0	71,8	67,0	125 300 b							16,0
18,0	68,4	66,2	106 200	70,2	66,6	104 600				18,0
20,0	64,9	65,3	92 300	66,8	65,7	90 600				20,0
22,0	61,3	64,2	81 400	63,2	64,7	79 900				22,0
24,0	57,6	63,0	72 700	59,6	63,6	71 300	64,4	64,6	68 100	24,0
26,0	53,7	61,6	65 500	55,7	62,2	64 300	60,7	63,5	61 200	26,0
28,0	49,5	59,9	59 500	51,7	60,7	58 400	57,0	62,3	55 600	28,0
30,0	45,1	58,0	54 400	47,5	58,9	53 400	53,0	60,8	50 800	30,0
32,0	40,3	55,7	50 000	42,9	56,9	49 000	48,8	59,1	46 700	32,0
34,0	34,9	53,0	46 200	37,8	54,4	45 300	44,4	57,1	43 100	34,0
36,0	28,6	49,6	42 800	32,1	51,4	42 000	39,5	54,8	39 900	36,0
38,0	20,6	45,0	39 700	25,2	47,5	39 000	34,0	52,0	37 100	38,0
40,0							27,5	48,5	34 600	40,0
42,0							19,0	43,5	32 300	42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0

16000 S-2

ANSI B30.5



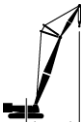
134 260 kg
+
27 220 kg



30,0 m

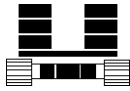
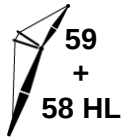


36,0 m

 m	 75°			 70°			 65°			 m
	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
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	61,8	63,2	52 900							28,0
30,0	58,1	62,0	48 300							30,0
32,0	54,2	60,6	44 300							32,0
34,0	50,1	59,0	40 900	55,2	60,1	38 800				34,0
36,0	45,7	57,1	37 900	51,1	58,5	35 900				36,0
38,0	40,9	54,8	35 200	46,8	56,7	33 400				38,0
40,0	35,7	52,2	32 900	42,2	54,6	31 100	47,8	56,0	29 400	40,0
42,0	29,5	48,9	30 700	37,1	52,0	29 000	43,2	54,0	27 400	42,0
44,0	21,8	44,5	28 700	31,2	49,0	27 200	38,2	51,5	25 700	44,0
46,0				24,0	44,9	25 500	32,5	48,6	24 000	46,0
48,0				13,4	38,6	23 900	25,7	44,8	22 600	48,0
50,0							16,3	39,2	21 200	50,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

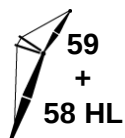


42,0 m

	 87°			 85°			 80°			
										
m	o	m	kg	o	m	kg	o	m	kg	m
16,8	73,4	73,1	116 700 b							16,8
18,0	71,6	72,7	106 100							18,0
20,0	68,7	71,9	91 900	70,3	72,2	90 200				20,0
22,0	65,7	71,0	81 100	67,3	71,4	79 500				22,0
24,0	62,7	70,0	72 300	64,3	70,4	70 900				24,0
26,0	59,5	68,8	65 100	61,2	69,4	63 900	65,3	70,3	60 800	26,0
28,0	56,3	67,5	59 200	58,0	68,2	58 000	62,2	69,3	55 100	28,0
30,0	52,9	66,1	54 100	54,7	66,8	53 000	59,0	68,1	50 400	30,0
32,0	49,3	64,4	49 700	51,2	65,2	48 700	55,8	66,8	46 300	32,0
34,0	45,6	62,5	45 900	47,6	63,4	45 000	52,3	65,3	42 700	34,0
36,0	41,5	60,3	42 500	43,7	61,4	41 700	48,7	63,6	39 600	36,0
38,0	37,1	57,7	39 600	39,5	59,0	38 800	44,9	61,6	36 800	38,0
40,0	32,2	54,7	36 900	34,9	56,3	36 200	40,8	59,4	34 300	40,0
42,0	26,4	51,0	34 500	29,6	53,0	33 800	36,4	56,8	32 100	42,0
44,0	19,0	46,0	32 400	23,2	48,8	31 700	31,3	53,7	30 100	44,0
46,0							25,4	49,8	28 200	46,0
48,0							17,5	44,4	26 500	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

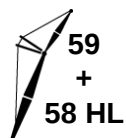


42,0 m

	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	60,0	67,8	43 800							32,0
34,0	56,7	66,5	40 400							34,0
36,0	53,3	65,1	37 400							36,0
38,0	49,8	63,4	34 800	54,2	64,6	32 900				38,0
40,0	46,1	61,6	32 500	50,7	63,0	30 600				40,0
42,0	42,1	59,4	30 300	47,0	61,2	28 600	51,5	62,3	26 900	42,0
44,0	37,7	56,9	28 400	43,1	59,1	26 800	47,8	60,5	25 200	44,0
46,0	32,9	54,0	26 700	38,9	56,7	25 100	44,0	58,5	23 600	46,0
48,0	27,2	50,4	25 100	34,2	53,9	23 600	39,8	56,2	22 100	48,0
50,0	20,1	45,6	23 600	28,8	50,5	22 200	35,2	53,5	20 900	50,0
52,0				22,1	46,1	20 900	30,0	50,2	19 600	52,0
54,0							23,7	46,0	18 500	54,0
56,0							15,0	40,0	17 400	56,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

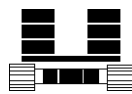
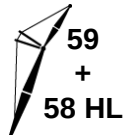


48,0 m

 m	 87°			 85°			 80°			 m
	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
18,3	73,7	78,9	103 200							18,3
20,0	71,5	78,3	91 500							20,0
22,0	69,0	77,6	80 600	70,3	77,9	79 200				22,0
24,0	66,4	76,7	71 900	67,7	77,1	70 400				24,0
26,0	63,7	75,7	64 700	65,1	76,2	63 400				26,0
28,0	61,0	74,6	58 700	62,4	75,1	57 500	65,9	76,0	54 600	28,0
30,0	58,2	73,4	53 600	59,7	74,0	52 500	63,3	75,0	49 800	30,0
32,0	55,3	72,1	49 200	56,8	72,7	48 200	60,5	73,9	45 700	32,0
34,0	52,3	70,5	45 400	53,9	71,3	44 500	57,7	72,7	42 200	34,0
36,0	49,2	68,8	42 100	50,9	69,7	41 200	54,8	71,3	39 000	36,0
38,0	45,9	67,0	39 100	47,7	67,9	38 300	51,8	69,8	36 200	38,0
40,0	42,4	64,8	36 500	44,3	65,9	35 700	48,7	68,0	33 800	40,0
42,0	38,7	62,4	34 200	40,7	63,6	33 400	45,4	66,1	31 600	42,0
44,0	34,6	59,6	32 000	36,8	61,0	31 300	41,8	63,9	29 600	44,0
46,0	30,0	56,3	30 100	32,5	58,0	29 400	38,0	61,5	27 800	46,0
48,0	24,6	52,3	28 300	27,6	54,5	27 700	33,9	58,6	26 100	48,0
50,0	17,7	46,9	26 600	21,6	49,9	26 000	29,2	55,2	24 600	50,0
52,0							23,6	51,0	23 200	52,0
54,0							16,3	45,2	21 800	54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

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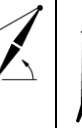
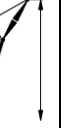
134 260 kg
+
27 220 kg



30,0 m

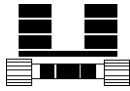
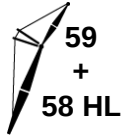


48,0 m

	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	61,3	73,6	39 800							34,0
36,0	58,6	72,4	36 800							36,0
38,0	55,7	71,1	34 200							38,0
40,0	52,7	69,6	31 900	56,4	70,5	29 900				40,0
42,0	49,6	67,9	29 700	53,5	69,1	27 900				42,0
44,0	46,3	66,0	27 800	50,4	67,5	26 100				44,0
46,0	42,9	63,9	26 100	47,2	65,7	24 500	51,1	66,7	22 900	46,0
48,0	39,2	61,6	24 600	43,8	63,6	23 000	47,9	65,0	21 500	48,0
50,0	35,1	58,8	23 100	40,1	61,3	21 600	44,5	63,0	20 200	50,0
52,0	30,6	55,6	21 800	36,2	58,7	20 400	40,9	60,7	19 000	52,0
54,0	25,4	51,7	20 500	31,8	55,6	19 200	37,1	58,2	17 900	54,0
56,0	18,7	46,5	19 300	26,8	51,9	18 100	32,8	55,2	16 900	56,0
58,0				20,6	47,2	17 100	27,9	51,7	15 900	58,0
60,0							22,1	47,2	15 000	60,0
62,0							13,9	40,7	14 100	62,0

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134 260 kg
+
27 220 kg



30,0 m

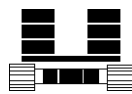
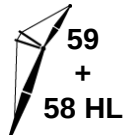


54,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
19,8	73,8	84,7	92 300							19,8
20,0	73,6	84,6	91 200							20,0
22,0	71,4	84,0	80 200							22,0
24,0	69,1	83,2	71 400	70,3	83,5	70 100				24,0
26,0	66,8	82,4	64 200	68,1	82,7	62 900				26,0
28,0	64,5	81,4	58 300	65,7	81,8	57 100				28,0
30,0	62,1	80,4	53 200	63,4	80,8	52 100	66,5	81,7	49 300	30,0
32,0	59,6	79,2	48 800	60,9	79,8	47 800	64,1	80,7	45 200	32,0
34,0	57,1	78,0	45 000	58,5	78,6	44 000	61,7	79,7	41 600	34,0
36,0	54,5	76,6	41 600	55,9	77,2	40 800	59,2	78,5	38 500	36,0
38,0	51,9	75,0	38 700	53,3	75,8	37 900	56,7	77,2	35 800	38,0
40,0	49,1	73,3	36 100	50,6	74,1	35 300	54,1	75,8	33 300	40,0
42,0	46,2	71,4	33 800	47,7	72,4	33 000	51,4	74,2	31 100	42,0
44,0	43,1	69,4	31 600	44,7	70,4	30 900	48,6	72,5	29 100	44,0
46,0	39,8	67,0	29 700	41,6	68,2	29 000	45,7	70,6	27 300	46,0
48,0	36,3	64,4	27 900	38,2	65,7	27 300	42,6	68,5	25 700	48,0
50,0	32,5	61,4	26 300	34,6	62,9	25 700	39,3	66,1	24 200	50,0
52,0	28,2	57,8	24 900	30,5	59,7	24 300	35,7	63,4	22 800	52,0
54,0	23,1	53,5	23 500	25,9	55,8	22 900	31,8	60,3	21 500	54,0
56,0	16,6	47,7	22 200	20,3	51,0	21 600	27,4	56,7	20 300	56,0
58,0							22,2	52,2	19 200	58,0
60,0							15,3	46,0	18 100	60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0

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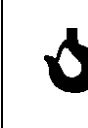
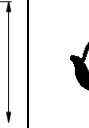
134 260 kg
+
27 220 kg



30,0 m

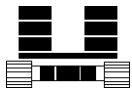
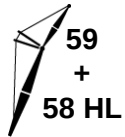


54,0 m

	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	60,0	78,2	33 600							38,0
40,0	57,5	77,0	31 300							40,0
42,0	54,9	75,6	29 200							42,0
44,0	52,2	74,1	27 300	55,5	75,1	25 600				44,0
46,0	49,4	72,4	25 600	52,9	73,6	24 000				46,0
48,0	46,5	70,5	24 100	50,2	71,9	22 500				48,0
50,0	43,5	68,5	22 600	47,3	70,1	21 100	50,8	71,2	19 600	50,0
52,0	40,3	66,2	21 300	44,3	68,1	19 900	47,9	69,4	18 500	52,0
54,0	36,8	63,6	20 100	41,1	65,9	18 700	44,9	67,5	17 400	54,0
56,0	33,0	60,6	19 000	37,7	63,4	17 700	41,8	65,3	16 400	56,0
58,0	28,8	57,2	17 900	34,0	60,5	16 600	38,5	62,9	15 400	58,0
60,0	23,8	53,0	16 900	29,9	57,2	15 700	34,8	60,1	14 500	60,0
62,0	17,6	47,4	16 000	25,2	53,2	14 800	30,8	56,9	13 700	62,0
64,0	6,8	37,5	15 100	19,4	48,2	14 000	26,3	53,1	12 900	64,0
66,0							20,8	48,3	12 200	66,0
68,0							13,1	41,3	11 400	68,0

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134 260 kg
+
27 220 kg



30,0 m

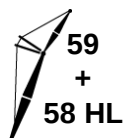


60,0 m

	 87°			 85°			 80°				
	 m	 o	 m	kg	 o	 m	kg	 o	 m		kg
21,3	74,0	90,5	83 000								21,3
22,0	73,3	90,3	79 900								22,0
24,0	71,3	89,6	71 000								24,0
26,0	69,3	88,9	63 800	70,4	89,2	62 400					26,0
28,0	67,2	88,1	57 800	68,3	88,4	56 500					28,0
30,0	65,1	87,1	52 700	66,2	87,5	51 500					30,0
32,0	63,0	86,1	48 300	64,1	86,6	47 200	66,9	87,4	44 600		32,0
34,0	60,8	85,0	44 500	61,9	85,5	43 500	64,8	86,4	41 000		34,0
36,0	58,6	83,8	41 200	59,7	84,4	40 200	62,6	85,4	37 900		36,0
38,0	56,3	82,5	38 200	57,5	83,1	37 400	60,4	84,3	35 200		38,0
40,0	53,9	81,1	35 600	55,2	81,7	34 800	58,2	83,1	32 700		40,0
42,0	51,5	79,5	33 300	52,8	80,2	32 500	55,9	81,7	30 500		42,0
44,0	49,0	77,8	31 100	50,3	78,6	30 400	53,5	80,3	28 500		44,0
46,0	46,4	75,9	29 200	47,8	76,8	28 500	51,1	78,7	26 700		46,0
48,0	43,6	73,9	27 500	45,1	74,9	26 800	48,6	77,0	25 100		48,0
50,0	40,7	71,6	25 900	42,3	72,7	25 200	45,9	75,1	23 600		50,0
52,0	37,7	69,1	24 400	39,3	70,3	23 800	43,2	73,0	22 200		52,0
54,0	34,4	66,3	23 000	36,1	67,7	22 400	40,3	70,7	21 000		54,0
56,0	30,7	63,0	21 800	32,7	64,7	21 200	37,2	68,1	19 800		56,0
58,0	26,7	59,3	20 600	28,9	61,2	20 000	33,8	65,2	18 700		58,0
60,0	21,9	54,7	19 500	24,5	57,1	19 000	30,1	62,0	17 700		60,0
62,0	15,7	48,5	18 400	19,2	52,0	17 900	26,0	58,1	16 700		62,0
64,0	2,6	35,0	17 300	11,7	44,3	17 000	21,0	53,3	15 800		64,0
66,0							14,5	46,7	14 900		66,0
68,0											68,0
70,0											70,0
72,0											72,0
74,0											74,0

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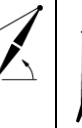
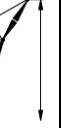
134 260 kg
+
27 220 kg



30,0 m

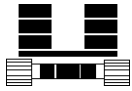
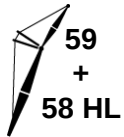


60,0 m

	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	61,1	84,0	30 700							40,0
42,0	58,8	82,8	28 600							42,0
44,0	56,6	81,5	26 700							44,0
46,0	54,2	80,1	25 000	57,2	81,0	23 300				46,0
48,0	51,8	78,5	23 500	54,8	79,6	21 800				48,0
50,0	49,3	76,8	22 000	52,4	78,1	20 500				50,0
52,0	46,7	75,0	20 700	50,0	76,4	19 300				52,0
54,0	44,0	73,0	19 500	47,4	74,6	18 100	50,5	75,7	16 700	54,0
56,0	41,1	70,7	18 400	44,7	72,6	17 000	47,9	73,9	15 700	56,0
58,0	38,1	68,2	17 400	41,9	70,4	16 100	45,3	72,0	14 700	58,0
60,0	34,8	65,5	16 400	38,9	68,0	15 100	42,5	69,8	13 900	60,0
62,0	31,2	62,3	15 500	35,7	65,3	14 300	39,5	67,5	13 100	62,0
64,0	27,2	58,6	14 600	32,2	62,3	13 500	36,4	64,8	12 300	64,0
66,0	22,6	54,2	13 800	28,3	58,7	12 700	33,0	61,9	11 600	66,0
68,0	16,6	48,3	13 100	23,8	54,5	12 000	29,2	58,4	10 900	68,0
70,0	6,4	37,8	12 200	18,3	49,1	11 300	24,8	54,4	10 300	70,0
72,0							19,6	49,3	9 700	72,0
74,0							12,4	42,0	9 000	74,0

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ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

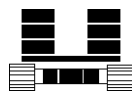
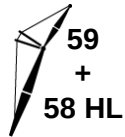


66,0 m

	 87°				 85°			 80°			
											
	m	o	m	kg	o	m	kg	o	m	kg	m
22,9	74,1	96,3	72 600 *								22,9
24,0	73,1	95,9	69 900								24,0
26,0	71,2	95,3	63 200	72,2	95,5	61 900					26,0
28,0	69,4	94,5	57 200	70,4	94,8	56 000					28,0
30,0	67,5	93,7	52 100	68,5	94,1	51 000					30,0
32,0	65,6	92,8	47 800	66,6	93,2	46 700					32,0
34,0	63,7	91,8	44 000	64,7	92,3	42 900	67,2	93,1	40 500		34,0
36,0	61,7	90,8	40 600	62,8	91,3	39 700	65,3	92,2	37 300		36,0
38,0	59,7	89,6	37 700	60,8	90,2	36 800	63,4	91,2	34 600		38,0
40,0	57,7	88,4	35 000	58,8	88,9	34 200	61,4	90,1	32 100		40,0
42,0	55,6	87,0	32 700	56,7	87,7	31 900	59,4	88,9	29 900		42,0
44,0	53,4	85,6	30 600	54,6	86,2	29 900	57,3	87,7	27 900		44,0
46,0	51,2	84,0	28 700	52,4	84,7	28 000	55,2	86,3	26 200		46,0
48,0	48,9	82,3	26 900	50,1	83,1	26 300	53,1	84,8	24 500		48,0
50,0	46,5	80,4	25 300	47,8	81,3	24 700	50,8	83,2	23 000		50,0
52,0	44,1	78,4	23 900	45,4	79,4	23 200	48,5	81,4	21 600		52,0
54,0	41,5	76,2	22 500	42,9	77,3	21 900	46,2	79,6	20 400		54,0
56,0	38,7	73,7	21 200	40,2	74,9	20 700	43,7	77,5	19 200		56,0
58,0	35,8	71,0	20 100	37,4	72,4	19 500	41,1	75,3	18 100		58,0
60,0	32,7	68,0	19 000	34,4	69,6	18 500	38,3	72,8	17 100		60,0
62,0	29,2	64,6	18 000	31,1	66,4	17 500	35,3	70,1	16 200		62,0
64,0	25,4	60,6	17 000	27,5	62,7	16 500	32,2	67,0	15 300		64,0
66,0	20,8	55,8	16 100	23,3	58,4	15 600	28,7	63,5	14 500		66,0
68,0	14,9	49,3	15 200	18,3	52,9	14 800	24,7	59,4	13 700		68,0
70,0				11,1	44,9	14 000	20,0	54,3	12 900		70,0
72,0							13,8	47,5	12 200		72,0
74,0											74,0
76,0											76,0
80,0											80,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

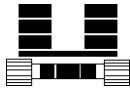
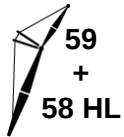


66,0 m

	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	62,0	89,7	28 000							42,0
44,0	60,0	88,6	26 100							44,0
46,0	57,9	87,4	24 400							46,0
48,0	55,8	86,0	22 800							48,0
50,0	53,7	84,6	21 400	56,4	85,5	19 800				50,0
52,0	51,5	83,0	20 100	54,2	84,1	18 600				52,0
54,0	49,2	81,3	18 900	52,1	82,6	17 500				54,0
56,0	46,9	79,5	17 800	49,8	80,9	16 400				56,0
58,0	44,4	77,5	16 800	47,5	79,1	15 400	50,3	80,2	14 100	58,0
60,0	41,8	75,3	15 800	45,0	77,1	14 500	48,0	78,4	13 200	60,0
62,0	39,1	72,9	14 900	42,5	75,0	13 700	45,6	76,5	12 400	62,0
64,0	36,2	70,2	14 100	39,8	72,6	12 900	43,0	74,4	11 700	64,0
66,0	33,1	67,2	13 300	37,0	70,1	12 100	40,4	72,1	11 000	66,0
68,0	29,7	63,9	12 500	33,9	67,2	11 400	37,6	69,5	10 300	68,0
70,0	25,9	60,0	11 800	30,6	63,9	10 700	34,6	66,7	9 700	70,0
72,0	21,5	55,3	11 200	26,9	60,2	10 100	31,3	63,6	9 100	72,0
74,0	15,8	49,1	10 500	22,7	55,7	9 500	27,8	59,9	8 500	74,0
76,0	6,1	38,1	9 800	17,4	50,0	8 900	23,6	55,6	8 000	76,0
80,0							11,8	42,6	6 900	80,0

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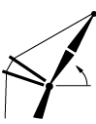
134 260 kg
+
27 220 kg



30,0 m

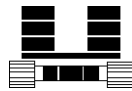
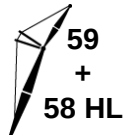


72,0 m

	 87°				 85°			 80°			
	 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
24,4	74,2	102,1	59 900 *								24,4
26,0	72,9	101,6	59 100								26,0
28,0	71,2	100,9	57 100	72,1	101,2	55 400					28,0
30,0	69,5	100,2	51 600	70,4	100,5	50 400					30,0
32,0	67,8	99,4	47 200	68,7	99,7	46 100					32,0
34,0	66,0	98,5	43 400	67,0	98,9	42 300					34,0
36,0	64,3	97,6	40 100	65,2	98,0	39 100					36,0
38,0	62,5	96,5	37 100	63,4	97,0	36 200	65,8	97,8	33 900		38,0
40,0	60,7	95,4	34 500	61,6	95,9	33 600	64,0	96,9	31 500		40,0
42,0	58,8	94,2	32 100	59,8	94,8	31 300	62,2	95,8	29 300		42,0
44,0	56,9	92,9	30 000	57,9	93,5	29 300	60,4	94,7	27 300		44,0
46,0	55,0	91,6	28 100	56,0	92,2	27 400	58,5	93,5	25 500		46,0
48,0	53,0	90,1	26 400	54,0	90,8	25 700	56,6	92,2	23 900		48,0
50,0	51,0	88,5	24 800	52,0	89,2	24 100	54,7	90,8	22 400		50,0
52,0	48,9	86,7	23 300	50,0	87,6	22 600	52,7	89,3	21 100		52,0
54,0	46,7	84,9	22 000	47,8	85,8	21 300	50,6	87,7	19 800		54,0
56,0	44,4	82,9	20 700	45,6	83,8	20 100	48,5	85,9	18 600		56,0
58,0	42,1	80,7	19 500	43,3	81,8	19 000	46,3	84,0	17 500		58,0
60,0	39,6	78,3	18 500	40,9	79,5	17 900	44,1	82,0	16 500		60,0
62,0	37,0	75,7	17 500	38,4	77,0	16 900	41,7	79,8	15 600		62,0
64,0	34,2	72,9	16 500	35,7	74,3	16 000	39,2	77,4	14 700		64,0
66,0	31,2	69,7	15 600	32,9	71,3	15 100	36,6	74,8	13 900		66,0
68,0	27,9	66,1	14 800	29,7	68,0	14 300	33,8	71,9	13 100		68,0
70,0	24,2	61,9	14 000	26,3	64,1	13 500	30,7	68,6	12 400		70,0
72,0	19,9	56,8	13 200	22,3	59,5	12 800	27,4	64,9	11 700		72,0
74,0	14,3	50,0	12 500	17,5	53,8	12 100	23,6	60,6	11 000		74,0
76,0				10,6	45,4	11 400	19,1	55,3	10 400		76,0
80,0											80,0

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ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

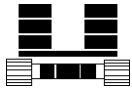
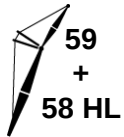


72,0 m

	75°			70°		
m	o	m	kg	o	m	kg
24,4						
26,0						
28,0						
30,0						
32,0						
34,0						
36,0						
38,0						
40,0						
42,0						
44,0						
46,0	60,9	94,4	23 700			
48,0	59,0	93,2	22 100			
50,0	57,2	91,9	20 700			
52,0	55,2	90,6	19 400	57,6	91,4	17 900
54,0	53,2	89,1	18 300	55,7	90,0	16 700
56,0	51,2	87,5	17 200	53,8	88,6	15 700
58,0	49,1	85,8	16 100	51,7	87,0	14 700
60,0	47,0	83,9	15 200	49,7	85,4	13 900
62,0	44,7	82,0	14 300	47,5	83,6	13 000
64,0	42,4	79,8	13 500	45,3	81,6	12 200
66,0	39,9	77,5	12 700	43,0	79,5	11 500
68,0	37,4	74,9	12 000	40,6	77,2	10 800
70,0	34,6	72,1	11 200	38,0	74,7	10 100
72,0	31,6	68,9	10 600	35,3	72,0	9 500
74,0	28,4	65,4	9 900	32,4	68,9	8 900
76,0	24,8	61,3	9 400	29,3	65,5	8 300
80,0	15,1	49,9	8 200	21,7	56,8	7 300

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ANSI B30.5



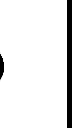
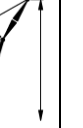
134 260 kg
+
27 220 kg



30,0 m

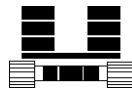
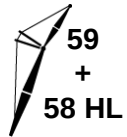


78,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
25,9	74,3	107,9	50 800 *							25,9
26,0	74,2	107,9	50 700 *							26,0
28,0	72,7	107,3	50 100 *							28,0
30,0	71,1	106,6	49 400 *	72,0	106,9	49 000				30,0
32,0	69,6	105,9	46 700	70,4	106,2	45 600				32,0
34,0	68,0	105,1	42 900	68,8	105,4	41 800				34,0
36,0	66,4	104,2	39 600	67,2	104,6	38 500				36,0
38,0	64,8	103,3	36 600	65,6	103,7	35 700				38,0
40,0	63,1	102,3	34 000	64,0	102,7	33 100	66,1	103,5	30 900	40,0
42,0	61,4	101,2	31 600	62,3	101,7	30 800	64,5	102,6	28 800	42,0
44,0	59,8	100,0	29 500	60,7	100,5	28 800	62,9	101,6	26 800	44,0
46,0	58,0	98,8	27 600	58,9	99,3	26 900	61,2	100,5	25 000	46,0
48,0	56,3	97,5	25 900	57,2	98,1	25 100	59,5	99,3	23 300	48,0
50,0	54,5	96,1	24 300	55,4	96,7	23 600	57,8	98,1	21 900	50,0
52,0	52,6	94,6	22 800	53,6	95,3	22 100	56,0	96,7	20 500	52,0
54,0	50,7	92,9	21 500	51,7	93,7	20 800	54,2	95,3	19 300	54,0
56,0	48,8	91,2	20 200	49,8	92,0	19 600	52,3	93,8	18 100	56,0
58,0	46,8	89,4	19 000	47,9	90,2	18 500	50,4	92,1	17 000	58,0
60,0	44,7	87,4	18 000	45,8	88,3	17 400	48,5	90,4	16 000	60,0
62,0	42,6	85,2	17 000	43,7	86,3	16 400	46,5	88,5	15 100	62,0
64,0	40,3	82,9	16 100	41,5	84,1	15 500	44,4	86,5	14 200	64,0
66,0	38,0	80,4	15 200	39,2	81,7	14 600	42,2	84,3	13 400	66,0
68,0	35,5	77,7	14 300	36,8	79,1	13 800	40,0	82,0	12 600	68,0
70,0	32,8	74,7	13 600	34,3	76,2	13 100	37,6	79,5	11 900	70,0
72,0	30,0	71,3	12 800	31,5	73,0	12 300	35,1	76,7	11 200	72,0
74,0	26,8	67,5	12 100	28,5	69,5	11 600	32,4	73,6	10 600	74,0
76,0	23,3	63,1	11 400	25,2	65,4	11 000	29,5	70,2	9 900	76,0
80,0	13,7	50,7	10 200	16,8	54,7	9 800	22,6	61,8	8 800	80,0
84,0							12,6	48,8	7 700	84,0

16000 S-2

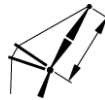
ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m

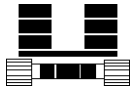


78,0 m

	75°		
	m	o	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	61,7	100,1	21 600
50,0	60,0	99,0	20 200
52,0	58,3	97,8	18 900
54,0	56,5	96,5	17 700
56,0	54,7	95,1	16 600
58,0	52,9	93,6	15 600
60,0	51,0	92,0	14 600
62,0	49,1	90,3	13 800
64,0	47,1	88,4	12 900
66,0	45,0	86,5	12 200
68,0	42,9	84,3	11 400
70,0	40,6	82,1	10 700
72,0	38,3	79,6	10 100
74,0	35,8	76,9	9 400
76,0	33,2	73,9	8 900
80,0	27,2	66,9	7 800
84,0	19,7	57,4	6 800

16000 S-2

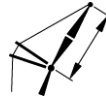
ANSI B30.5



134 260 kg
+
27 220 kg



30,0 m



84,0 m

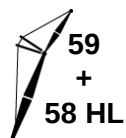
	 87°				 85°		
	 m	 o	 m	 kg	 o	 m	 kg
27,4	74,4	113,7	42 800 *				
28,0	74,0	113,6	42 600 *				
30,0	72,5	112,9	42 000 *				
32,0	71,1	112,2	41 300 *	71,9	112,5	41 200 *	
34,0	69,6	111,5	40 700 *	70,4	111,8	40 400	
36,0	68,2	110,7	39 200	68,9	111,1	38 100	
38,0	66,7	109,9	36 100	67,5	110,2	35 100	
40,0	65,2	108,9	33 500	66,0	109,3	32 500	
42,0	63,7	108,0	31 100	64,5	108,4	30 200	
44,0	62,1	106,9	28 900	62,9	107,4	28 200	
46,0	60,6	105,8	27 000	61,4	106,3	26 300	
48,0	59,0	104,6	25 300	59,8	105,2	24 600	
50,0	57,4	103,3	23 700	58,2	103,9	23 000	
52,0	55,7	102,0	22 200	56,6	102,6	21 600	
54,0	54,0	100,6	20 900	54,9	101,2	20 300	
56,0	52,3	99,0	19 700	53,2	99,7	19 000	
58,0	50,6	97,4	18 500	51,5	98,2	17 900	
60,0	48,8	95,7	17 400	49,7	96,5	16 900	
62,0	46,9	93,8	16 400	47,9	94,7	15 900	
64,0	45,0	91,9	15 500	46,0	92,8	14 900	
66,0	43,0	89,7	14 600	44,1	90,8	14 100	
68,0	40,9	87,5	13 800	42,0	88,6	13 300	
70,0	38,8	85,0	13 000	39,9	86,2	12 500	
72,0	36,5	82,4	12 200	37,7	83,7	11 800	
74,0	34,1	79,5	11 600	35,4	81,0	11 100	
76,0	31,6	76,4	10 900	33,0	78,0	10 400	
80,0	25,8	68,9	9 700	27,4	70,9	9 300	
84,0	18,4	58,7	8 600	20,6	61,7	8 200	
88,0				9,8	46,4	7 100	



REFERENCE
ONLY!

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134 260 kg
+
27 220 kg



36,0 m

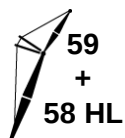


24,0 m

	87°				85°				80°			
												
m	o	m	kg	o	m	kg	o	m	kg	m		
11,6	74,3	61,9	179 600 *d							11,6		
12,0	73,3	61,8	175 000 *c							12,0		
14,0	68,2	61,0	151 700 b	71,4	61,4	148 300 c				14,0		
16,0	62,8	60,0	125 100 b	66,2	60,6	122 500 b				16,0		
18,0	57,2	58,8	106 700	60,8	59,5	104 500 b				18,0		
20,0	51,2	57,2	92 800	55,1	58,1	90 900	64,0	59,6	86 200 b	20,0		
22,0	44,5	55,3	81 900	48,8	56,5	80 200	58,4	58,5	75 900 b	22,0		
24,0	36,9	52,8	73 100	41,9	54,3	71 600	52,5	57,0	67 800	24,0		
26,0	27,5	49,4	65 800	33,8	51,6	64 500	46,0	55,1	61 100	26,0		
28,0				23,1	47,6	58 500	38,6	52,8	55 500	28,0		
30,0							29,6	49,6	50 600	30,0		
32,0							16,4	44,4	46 400	32,0		
34,0										34,0		
36,0										36,0		
38,0										38,0		
40,0										40,0		

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

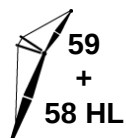


24,0 m

	75°			70°			65°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
11,6										11,6
12,0										12,0
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	55,7	57,0	57 700							26,0
28,0	49,6	55,4	52 400							28,0
30,0	42,7	53,4	47 800	52,8	55,2	45 000				30,0
32,0	34,8	50,7	43 900	46,3	53,4	41 300				32,0
34,0	24,5	46,9	40 400	39,0	51,1	38 100	49,3	53,0	35 800	34,0
36,0				30,1	48,0	35 200	42,4	51,0	33 100	36,0
38,0				17,3	43,0	32 600	34,4	48,2	30 700	38,0
40,0							24,0	44,4	28 500	40,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

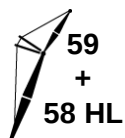


30,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
13,7	73,3	67,5	149 800 *b							13,7
14,0	72,7	67,4	146 800 b							14,0
16,0	68,6	66,7	125 600 b	71,2	67,1	122 900 b				16,0
18,0	64,4	65,8	106 600	67,1	66,2	104 300 b				18,0
20,0	60,1	64,6	92 700	62,9	65,2	90 700				20,0
22,0	55,5	63,3	81 800	58,4	64,1	80 000	65,3	65,3	75 700 b	22,0
24,0	50,6	61,7	73 000	53,7	62,6	71 400	61,0	64,3	67 500	24,0
26,0	45,3	59,8	65 800	48,7	60,9	64 400	56,4	63,0	60 800	26,0
28,0	39,5	57,5	59 800	43,3	58,9	58 500	51,6	61,5	55 200	28,0
30,0	32,8	54,6	54 600	37,1	56,4	53 500	46,4	59,6	50 500	30,0
32,0	24,3	50,7	50 200	29,9	53,2	49 100	40,7	57,4	46 400	32,0
34,0				20,4	48,6	45 300	34,2	54,6	42 800	34,0
36,0							26,3	51,0	39 600	36,0
38,0							14,5	45,1	36 800	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0

16000 S-2

ANSI B30.5



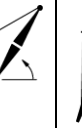
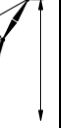
134 260 kg
+
27 220 kg



36,0 m

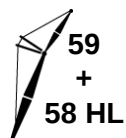


30,0 m

	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	58,9	62,9	52 000							28,0
30,0	54,3	61,5	47 500							30,0
32,0	49,3	59,9	43 600	56,6	61,2	40 900				32,0
34,0	43,9	57,9	40 300	51,9	59,7	37 700				34,0
36,0	37,9	55,5	37 300	46,7	57,9	34 900				36,0
38,0	30,9	52,4	34 700	41,0	55,7	32 500	49,1	57,5	30 300	38,0
40,0	21,7	48,0	32 300	34,6	53,0	30 300	43,7	55,5	28 200	40,0
42,0				26,7	49,4	28 200	37,6	53,0	26 400	42,0
44,0				15,3	43,8	26 400	30,5	49,9	24 600	44,0
46,0							21,3	45,5	23 000	46,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

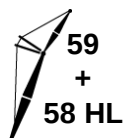


36,0 m

	 87°			 85°			 80°			
										
m	o	m	kg	o	m	kg	o	m	kg	m
15,2	73,6	73,3	131 400 *b							15,2
16,0	72,4	73,1	124 200 b							16,0
18,0	69,0	72,3	106 300							18,0
20,0	65,5	71,5	92 300	67,7	71,9	90 200				20,0
22,0	61,9	70,4	81 400	64,2	71,0	79 500				22,0
24,0	58,2	69,2	72 600	60,5	69,9	71 000				24,0
26,0	54,3	67,8	65 500	56,8	68,6	64 000	62,6	70,0	60 200	26,0
28,0	50,2	66,2	59 400	52,8	67,1	58 100	58,9	68,8	54 700	28,0
30,0	45,8	64,3	54 400	48,6	65,4	53 100	55,1	67,5	50 000	30,0
32,0	41,1	62,1	50 000	44,1	63,4	48 800	51,0	65,9	45 900	32,0
34,0	35,8	59,5	46 100	39,2	61,1	45 100	46,7	64,1	42 400	34,0
36,0	29,7	56,2	42 800	33,7	58,2	41 800	42,1	62,0	39 300	36,0
38,0	22,1	51,8	39 700	27,2	54,6	38 800	36,9	59,4	36 500	38,0
40,0				18,5	49,6	36 200	31,1	56,3	34 100	40,0
42,0							23,8	52,2	31 800	42,0
44,0							13,0	45,8	29 700	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

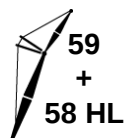


36,0 m

	75°			70°			65°			
	m	o	m	kg	o	m	kg	o	m	kg
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	61,0	68,7	46 900							30,0
32,0	57,2	67,5	43 000							32,0
34,0	53,3	66,0	39 700							34,0
36,0	49,1	64,3	36 800	55,3	65,8	34 300				36,0
38,0	44,7	62,4	34 200	51,2	64,2	31 900				38,0
40,0	39,8	60,1	31 900	47,0	62,4	29 700				40,0
42,0	34,4	57,3	29 800	42,3	60,3	27 700	48,9	62,0	25 700	42,0
44,0	28,0	53,8	27 900	37,2	57,8	26 000	44,5	60,0	24 000	44,0
46,0	19,7	49,0	26 100	31,4	54,7	24 300	39,6	57,7	22 500	46,0
48,0				24,2	50,7	22 800	34,1	54,9	21 200	48,0
50,0				13,8	44,4	21 400	27,7	51,4	19 900	50,0
52,0							19,3	46,5	18 700	52,0

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134 260 kg
+
27 220 kg



36,0 m

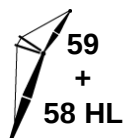


42,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
16,8	73,9	79,2	115 800 *b							16,8
18,0	72,1	78,8	105 900							18,0
20,0	69,2	78,0	91 900	71,0	78,4	89 900				20,0
22,0	66,2	77,2	81 000	68,1	77,6	79 100				22,0
24,0	63,2	76,2	72 300	65,1	76,7	70 600				24,0
26,0	60,0	75,0	65 100	62,0	75,6	63 600	66,8	76,7	59 700	26,0
28,0	56,8	73,7	59 100	58,9	74,5	57 700	63,8	75,8	54 200	28,0
30,0	53,4	72,3	54 000	55,6	73,1	52 700	60,7	74,7	49 500	30,0
32,0	49,9	70,7	49 700	52,2	71,6	48 400	57,5	73,4	45 500	32,0
34,0	46,2	68,8	45 900	48,6	69,9	44 700	54,1	72,0	41 900	34,0
36,0	42,2	66,7	42 500	44,7	67,9	41 500	50,6	70,4	38 900	36,0
38,0	37,8	64,2	39 600	40,6	65,7	38 600	47,0	68,6	36 100	38,0
40,0	33,0	61,2	36 900	36,1	63,0	36 000	43,0	66,5	33 700	40,0
42,0	27,4	57,7	34 500	31,0	59,9	33 600	38,8	64,1	31 500	42,0
44,0	20,3	52,9	32 300	25,0	56,0	31 500	34,0	61,3	29 500	44,0
46,0				17,0	50,5	29 600	28,6	57,8	27 700	46,0
48,0							22,0	53,4	26 100	48,0
50,0							12,0	46,4	24 500	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0

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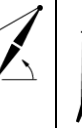
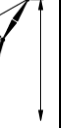
134 260 kg
+
27 220 kg



36,0 m

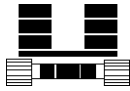
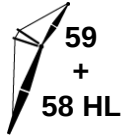


42,0 m

	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	62,4	74,5	42 500							32,0
34,0	59,2	73,3	39 200							34,0
36,0	56,0	72,0	36 300							36,0
38,0	52,6	70,5	33 700							38,0
40,0	49,0	68,8	31 400	54,3	70,3	29 100				40,0
42,0	45,2	66,9	29 400	50,8	68,7	27 200				42,0
44,0	41,1	64,7	27 500	47,1	66,9	25 500				44,0
46,0	36,7	62,1	25 800	43,2	64,8	23 900	48,8	66,4	22 000	46,0
48,0	31,7	59,0	24 200	39,0	62,4	22 500	45,0	64,5	20 700	48,0
50,0	25,8	55,2	22 800	34,3	59,6	21 100	40,9	62,3	19 400	50,0
52,0	18,1	50,0	21 500	28,9	56,2	19 800	36,5	59,7	18 300	52,0
54,0				22,3	51,8	18 700	31,5	56,6	17 200	54,0
56,0				12,7	45,1	17 600	25,5	52,7	16 200	56,0
58,0							17,8	47,4	15 200	58,0

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134 260 kg
+
27 220 kg



36,0 m

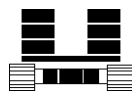
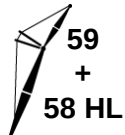


48,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
18,3	74,1	85,0	103 100 *							18,3
20,0	71,9	84,4	91 500							20,0
22,0	69,4	83,7	80 500	71,0	84,0	78 700				22,0
24,0	66,8	82,8	71 800	68,4	83,3	70 100				24,0
26,0	64,1	81,9	64 600	65,8	82,4	63 100				26,0
28,0	61,4	80,8	58 600	63,1	81,4	57 200				28,0
30,0	58,6	79,6	53 500	60,4	80,3	52 200	64,7	81,5	48 900	30,0
32,0	55,8	78,3	49 200	57,6	79,0	47 900	62,0	80,4	44 900	32,0
34,0	52,8	76,8	45 400	54,7	77,6	44 200	59,2	79,2	41 300	34,0
36,0	49,7	75,1	42 100	51,7	76,1	41 000	56,4	77,9	38 300	36,0
38,0	46,4	73,3	39 100	48,5	74,3	38 100	53,4	76,5	35 500	38,0
40,0	43,0	71,2	36 500	45,2	72,4	35 600	50,3	74,9	33 100	40,0
42,0	39,3	68,8	34 100	41,6	70,2	33 200	47,1	73,1	31 000	42,0
44,0	35,2	66,1	32 000	37,8	67,7	31 100	43,7	71,0	29 000	44,0
46,0	30,7	62,9	30 000	33,7	64,9	29 200	40,1	68,7	27 200	46,0
48,0	25,5	59,0	28 300	28,9	61,4	27 500	36,1	66,1	25 600	48,0
50,0	18,9	53,9	26 600	23,3	57,2	25 900	31,7	63,0	24 100	50,0
52,0				15,8	51,3	24 400	26,7	59,3	22 700	52,0
54,0							20,5	54,5	21 400	54,0
56,0							11,1	46,9	20 200	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

16000 S-2

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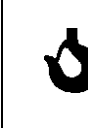
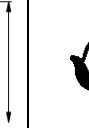
134 260 kg
+
27 220 kg



36,0 m

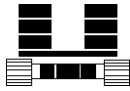
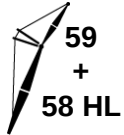


48,0 m

	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	60,7	79,1	35 600							36,0
38,0	57,9	77,9	33 000							38,0
40,0	55,0	76,5	30 700							40,0
42,0	52,0	75,0	28 700	56,5	76,2	26 500				42,0
44,0	48,9	73,3	26 900	53,6	74,8	24 800				44,0
46,0	45,6	71,4	25 200	50,5	73,2	23 200				46,0
48,0	42,1	69,2	23 700	47,3	71,3	21 800				48,0
50,0	38,3	66,8	22 300	43,9	69,3	20 500	48,7	70,9	18 700	50,0
52,0	34,2	64,0	21 000	40,2	67,0	19 300	45,4	69,0	17 600	52,0
54,0	29,5	60,6	19 800	36,3	64,4	18 100	41,9	66,8	16 500	54,0
56,0	24,0	56,5	18 700	31,9	61,3	17 100	38,1	64,3	15 600	56,0
58,0	16,9	50,8	17 600	26,9	57,7	16 100	34,0	61,5	14 700	58,0
60,0				20,8	52,9	15 200	29,3	58,1	13 800	60,0
62,0				11,8	45,6	14 300	23,8	54,0	13 000	62,0
64,0							16,5	48,2	12 200	64,0

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134 260 kg
+
27 220 kg



36,0 m

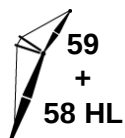


54,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
19,8	74,2	90,8	91 800 *							19,8
20,0	74,0	90,7	90 700							20,0
22,0	71,8	90,1	80 100							22,0
24,0	69,5	89,3	71 400	70,9	89,7	69 700				24,0
26,0	67,2	88,5	64 200	68,7	88,9	62 600				26,0
28,0	64,9	87,6	58 200	66,3	88,1	56 700				28,0
30,0	62,5	86,6	53 100	64,0	87,1	51 700				30,0
32,0	60,0	85,4	48 800	61,6	86,0	47 500	65,3	87,2	44 300	32,0
34,0	57,5	84,2	45 000	59,1	84,8	43 700	63,0	86,2	40 800	34,0
36,0	55,0	82,8	41 600	56,6	83,6	40 500	60,5	85,1	37 800	36,0
38,0	52,3	81,3	38 700	54,0	82,1	37 600	58,0	83,8	35 100	38,0
40,0	49,5	79,6	36 100	51,3	80,6	35 100	55,5	82,5	32 600	40,0
42,0	46,6	77,7	33 700	48,5	78,8	32 800	52,8	81,0	30 500	42,0
44,0	43,6	75,7	31 600	45,5	76,9	30 700	50,1	79,3	28 500	44,0
46,0	40,4	73,4	29 700	42,4	74,8	28 800	47,2	77,5	26 700	46,0
48,0	36,9	70,8	27 900	39,1	72,4	27 100	44,2	75,5	25 100	48,0
50,0	33,1	67,9	26 300	35,6	69,7	25 500	41,0	73,3	23 600	50,0
52,0	28,9	64,4	24 800	31,6	66,6	24 100	37,6	70,8	22 300	52,0
54,0	24,0	60,3	23 400	27,2	62,9	22 700	33,9	67,9	21 000	54,0
56,0	17,8	54,8	22 100	21,9	58,3	21 500	29,8	64,6	19 800	56,0
58,0				14,9	52,0	20 300	25,1	60,6	18 800	58,0
60,0							19,2	55,5	17 700	60,0
62,0							10,5	47,4	16 700	62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

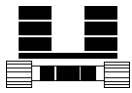
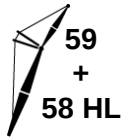


54,0 m

	75°			70°			65°			
										
										
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	59,4	83,7	30 200							40,0
42,0	56,9	82,4	28 200							42,0
44,0	54,3	81,0	26 300							44,0
46,0	51,6	79,5	24 700	55,6	80,7	22 600				46,0
48,0	48,8	77,8	23 200	53,0	79,3	21 200				48,0
50,0	45,9	75,9	21 800	50,2	77,6	19 900				50,0
52,0	42,8	73,8	20 500	47,4	75,8	18 700	51,5	77,1	17 000	52,0
54,0	39,5	71,4	19 300	44,4	73,8	17 600	48,7	75,4	16 000	54,0
56,0	36,0	68,7	18 200	41,2	71,6	16 600	45,8	73,5	15 000	56,0
58,0	32,1	65,7	17 200	37,8	69,1	15 600	42,7	71,3	14 100	58,0
60,0	27,7	62,1	16 200	34,1	66,2	14 800	39,4	69,0	13 300	60,0
62,0	22,6	57,7	15 400	30,0	63,0	13 900	35,8	66,3	12 500	62,0
64,0	15,9	51,7	14 500	25,3	59,0	13 200	31,9	63,2	11 800	64,0
66,0				19,6	54,0	12 400	27,6	59,6	11 100	66,0
68,0				11,1	46,2	11 600	22,4	55,1	10 400	68,0
70,0							15,5	49,0	9 800	70,0

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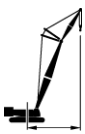
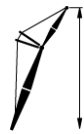
134 260 kg
+
27 220 kg



36,0 m

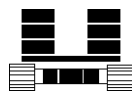
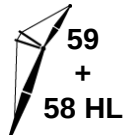


60,0 m

	 87°			 85°			 80°				
	 m	 o	 m	kg	 o	 m	kg	 o	 m		kg
21,3	74,3	96,6	81 300 *								21,3
22,0	73,6	96,4	78 800								22,0
24,0	71,6	95,7	71 000								24,0
26,0	69,6	95,0	63 700	70,9	95,3	62 000					26,0
28,0	67,5	94,2	57 700	68,8	94,6	56 200					28,0
30,0	65,4	93,3	52 600	66,8	93,7	51 200					30,0
32,0	63,3	92,3	48 200	64,7	92,8	46 900	68,0	93,7	43 700		32,0
34,0	61,1	91,2	44 500	62,5	91,8	43 200	65,9	92,8	40 200		34,0
36,0	58,9	90,0	41 100	60,3	90,7	40 000	63,7	91,9	37 100		36,0
38,0	56,6	88,7	38 200	58,1	89,4	37 100	61,6	90,8	34 400		38,0
40,0	54,3	87,3	35 500	55,8	88,1	34 600	59,4	89,7	32 000		40,0
42,0	51,9	85,7	33 200	53,4	86,6	32 200	57,1	88,4	29 900		42,0
44,0	49,4	84,1	31 100	51,0	85,0	30 200	54,8	87,0	27 900		44,0
46,0	46,8	82,2	29 200	48,4	83,3	28 300	52,4	85,5	26 200		46,0
48,0	44,1	80,2	27 400	45,8	81,4	26 600	49,9	83,8	24 500		48,0
50,0	41,2	78,0	25 800	43,0	79,3	25 000	47,3	82,0	23 100		50,0
52,0	38,2	75,5	24 400	40,1	77,0	23 600	44,6	80,0	21 700		52,0
54,0	34,9	72,7	23 000	37,0	74,4	22 300	41,8	77,8	20 500		54,0
56,0	31,3	69,6	21 700	33,6	71,5	21 000	38,8	75,4	19 300		56,0
58,0	27,3	65,9	20 500	29,9	68,2	19 900	35,6	72,7	18 200		58,0
60,0	22,7	61,5	19 500	25,7	64,2	18 800	32,1	69,6	17 200		60,0
62,0	16,8	55,7	18 400	20,7	59,4	17 800	28,2	66,1	16 300		62,0
64,0	6,9	45,5	17 400	14,1	52,7	16 800	23,7	61,8	15 400		64,0
66,0							18,2	56,4	14 600		66,0
68,0							9,9	47,9	13 700		68,0
70,0											70,0
72,0											72,0
74,0											74,0
76,0											76,0

16000 S-2

ANSI B30.5



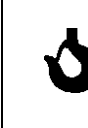
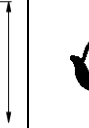
134 260 kg
+
27 220 kg



36,0 m

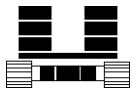
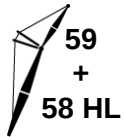


60,0 m

	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	60,6	89,5	27 500							42,0
44,0	58,3	88,3	25 700							44,0
46,0	56,1	87,0	24 000							46,0
48,0	53,7	85,5	22 500							48,0
50,0	51,3	84,0	21 100	54,9	85,2	19 200				50,0
52,0	48,7	82,2	19 900	52,5	83,7	18 000				52,0
54,0	46,1	80,3	18 700	50,0	82,1	17 000				54,0
56,0	43,4	78,3	17 600	47,5	80,3	15 900	51,2	81,6	14 300	56,0
58,0	40,5	76,0	16 600	44,8	78,3	15 000	48,6	79,8	13 400	58,0
60,0	37,4	73,4	15 700	42,0	76,1	14 100	46,0	77,9	12 600	60,0
62,0	34,0	70,6	14 800	39,0	73,7	13 300	43,3	75,9	11 800	62,0
64,0	30,4	67,3	14 000	35,8	71,0	12 500	40,3	73,6	11 100	64,0
66,0	26,3	63,5	13 200	32,3	68,0	11 800	37,2	71,0	10 500	66,0
68,0	21,4	58,8	12 400	28,4	64,5	11 100	33,9	68,1	9 800	68,0
70,0	15,0	52,4	11 700	24,0	60,3	10 500	30,2	64,8	9 200	70,0
72,0				18,5	54,9	9 900	26,1	61,0	8 600	72,0
74,0				10,4	46,7	9 200	21,2	56,2	8 100	74,0
76,0							14,7	49,8	7 500	76,0

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ANSI B30.5



134 260 kg
+
27 220 kg

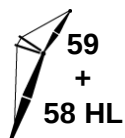


36,0 m



66,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
22,9	74,4	102,4	67 800 *							22,9
24,0	73,4	102,0	67 400 *							24,0
26,0	71,5	101,4	63 200	72,7	101,7	61 500				26,0
28,0	69,7	100,7	57 100	70,9	101,0	55 600				28,0
30,0	67,8	99,8	52 000	69,0	100,2	50 600				30,0
32,0	65,9	99,0	47 700	67,1	99,4	46 400				32,0
34,0	64,0	98,0	43 900	65,2	98,5	42 700				34,0
36,0	62,0	96,9	40 600	63,3	97,5	39 400	66,3	98,5	36 500	36,0
38,0	60,0	95,8	37 600	61,3	96,4	36 600	64,4	97,6	33 800	38,0
40,0	58,0	94,6	35 000	59,3	95,2	34 000	62,4	96,6	31 400	40,0
42,0	55,9	93,2	32 700	57,2	94,0	31 700	60,4	95,4	29 300	42,0
44,0	53,8	91,8	30 500	55,1	92,6	29 600	58,4	94,2	27 300	44,0
46,0	51,6	90,2	28 600	53,0	91,1	27 700	56,3	92,9	25 600	46,0
48,0	49,3	88,5	26 900	50,7	89,5	26 000	54,2	91,5	23 900	48,0
50,0	46,9	86,7	25 300	48,4	87,8	24 500	52,0	89,9	22 500	50,0
52,0	44,5	84,7	23 800	46,0	85,9	23 000	49,7	88,3	21 200	52,0
54,0	41,9	82,5	22 500	43,5	83,8	21 700	47,4	86,5	19 900	54,0
56,0	39,2	80,1	21 200	40,9	81,5	20 500	45,0	84,5	18 800	56,0
58,0	36,3	77,5	20 000	38,1	79,1	19 400	42,4	82,4	17 700	58,0
60,0	33,2	74,5	19 000	35,2	76,3	18 300	39,8	80,0	16 700	60,0
62,0	29,8	71,2	18 000	32,0	73,2	17 300	36,9	77,4	15 800	62,0
64,0	26,0	67,3	17 000	28,5	69,7	16 400	33,9	74,5	14 900	64,0
66,0	21,6	62,6	16 100	24,5	65,6	15 500	30,5	71,3	14 100	66,0
68,0	16,0	56,5	15 200	19,7	60,5	14 700	26,8	67,5	13 300	68,0
70,0	6,6	45,8	14 300	13,4	53,4	13 900	22,6	63,0	12 600	70,0
72,0							17,3	57,3	11 800	72,0
74,0							9,4	48,4	11 100	74,0
76,0										76,0
80,0										80,0



134 260 kg
+
27 220 kg



36,0 m

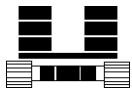
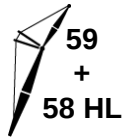


66,0 m

	75°			70°		
m	o	m	kg	o	m	kg
22,9						
24,0						
26,0						
28,0						
30,0						
32,0						
34,0						
36,0						
38,0						
40,0						
42,0						
44,0	61,5	95,3	25 000			
46,0	59,5	94,1	23 400			
48,0	57,5	92,9	21 900			
50,0	55,4	91,5	20 500			
52,0	53,2	90,0	19 300	56,4	91,2	17 400
54,0	51,0	88,4	18 100	54,3	89,8	16 300
56,0	48,7	86,7	17 000	52,1	88,2	15 300
58,0	46,3	84,8	16 000	49,9	86,6	14 300
60,0	43,8	82,8	15 100	47,5	84,8	13 500
62,0	41,2	80,6	14 200	45,1	82,8	12 700
64,0	38,5	78,1	13 400	42,6	80,7	11 900
66,0	35,5	75,4	12 600	39,9	78,3	11 200
68,0	32,4	72,3	11 900	37,1	75,8	10 500
70,0	28,9	68,9	11 200	34,0	72,9	9 900
72,0	25,0	64,8	10 600	30,7	69,6	9 300
74,0	20,3	59,8	9 900	27,0	65,9	8 700
76,0	14,3	53,2	9 400	22,8	61,5	8 200
80,0				9,9	47,2	7 100

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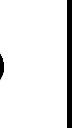
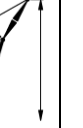
134 260 kg
+
27 220 kg



36,0 m

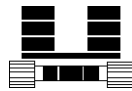
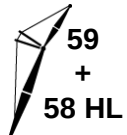


72,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
24,4	74,5	108,2	56 400 *							24,4
26,0	73,1	107,7	55 800 *							26,0
28,0	71,4	107,0	55 000	72,5	107,3	53 900				28,0
30,0	69,8	106,3	51 800	70,8	106,7	50 200				30,0
32,0	68,0	105,5	47 100	69,1	105,9	45 800				32,0
34,0	66,3	104,7	43 300	67,4	105,1	42 000				34,0
36,0	64,5	103,7	40 000	65,7	104,2	38 800				36,0
38,0	62,8	102,7	37 100	63,9	103,2	35 900	66,7	104,2	33 100	38,0
40,0	60,9	101,6	34 500	62,1	102,2	33 400	64,9	103,3	30 700	40,0
42,0	59,1	100,4	32 100	60,3	101,0	31 100	63,1	102,3	28 600	42,0
44,0	57,2	99,1	30 000	58,4	99,8	29 000	61,3	101,2	26 700	44,0
46,0	55,3	97,8	28 100	56,5	98,5	27 100	59,5	100,0	24 900	46,0
48,0	53,3	96,3	26 300	54,6	97,1	25 500	57,6	98,8	23 300	48,0
50,0	51,3	94,7	24 700	52,6	95,6	23 900	55,7	97,4	21 800	50,0
52,0	49,2	93,0	23 300	50,5	94,0	22 500	53,7	96,0	20 500	52,0
54,0	47,0	91,2	21 900	48,4	92,2	21 200	51,7	94,4	19 300	54,0
56,0	44,8	89,2	20 700	46,2	90,3	20 000	49,6	92,7	18 100	56,0
58,0	42,5	87,1	19 500	43,9	88,3	18 800	47,5	90,9	17 100	58,0
60,0	40,0	84,7	18 400	41,6	86,1	17 800	45,3	89,0	16 100	60,0
62,0	37,4	82,2	17 400	39,1	83,7	16 800	42,9	86,9	15 100	62,0
64,0	34,7	79,3	16 500	36,4	81,0	15 800	40,5	84,6	14 300	64,0
66,0	31,7	76,2	15 600	33,6	78,1	15 000	38,0	82,1	13 500	66,0
68,0	28,5	72,7	14 800	30,6	74,9	14 200	35,3	79,3	12 700	68,0
70,0	24,9	68,6	14 000	27,2	71,1	13 400	32,3	76,3	12 000	70,0
72,0	20,6	63,7	13 200	23,4	66,8	12 600	29,2	72,8	11 300	72,0
74,0	15,3	57,3	12 500	18,9	61,4	12 000	25,6	68,9	10 600	74,0
76,0	6,2	46,1	11 700	12,8	54,1	11 300	21,6	64,2	10 000	76,0
80,0										80,0

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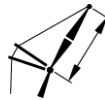
ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m

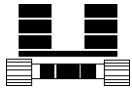
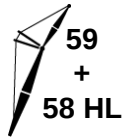


72,0 m

	75°		
	m	o	kg
24,4			
26,0			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0	62,3	101,0	22 700
48,0	60,5	99,9	21 200
50,0	58,6	98,7	19 800
52,0	56,7	97,4	18 500
54,0	54,8	96,0	17 400
56,0	52,8	94,5	16 300
58,0	50,8	92,9	15 300
60,0	48,6	91,2	14 400
62,0	46,5	89,3	13 500
64,0	44,2	87,3	12 700
66,0	41,8	85,1	12 000
68,0	39,4	82,7	11 300
70,0	36,8	80,1	10 600
72,0	34,0	77,2	10 000
74,0	30,9	74,0	9 400
76,0	27,6	70,3	8 800
80,0	19,4	60,9	7 700

16000 S-2

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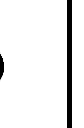
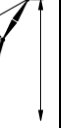
134 260 kg
+
27 220 kg



36,0 m



78,0 m

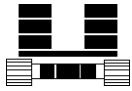
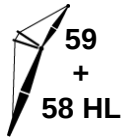
	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
25,9	74,5	114,0	48 000 *							25,9
26,0	74,5	114,0	48 000 *							26,0
28,0	72,9	113,4	47 400 *							28,0
30,0	71,4	112,7	46 900 *							30,0
32,0	69,8	112,0	46 400 *							32,0
34,0	68,2	111,2	42 800	70,8	112,3	45 200				34,0
36,0	66,6	110,3	39 500	69,2	111,6	41 500				36,0
38,0	65,0	109,4	36 600	67,6	110,7	38 300				38,0
40,0	63,4	108,4	34 000	66,0	109,9	35 400				40,0
42,0	61,7	107,3	31 600	64,4	108,9	32 900	67,0	109,9	30 200	42,0
44,0	60,0	106,2	29 500	62,8	107,9	30 600	65,4	109,0	28 000	44,0
46,0	58,3	105,0	27 500	61,1	106,8	28 500	63,7	108,0	26 100	46,0
48,0	56,5	103,7	25 800	59,4	105,7	26 600	62,1	107,0	24 300	48,0
50,0	54,8	102,3	24 200	57,7	104,4	24 900	60,4	105,8	22 800	50,0
52,0	52,9	100,8	22 800	55,9	103,1	23 400	58,7	104,6	21 300	52,0
54,0	51,0	99,2	21 400	54,1	101,6	22 000	56,9	103,3	20 000	54,0
56,0	49,1	97,5	20 200	52,2	100,1	20 700	55,1	102,0	18 700	56,0
58,0	47,1	95,7	19 000	50,3	98,5	19 400	53,3	100,5	17 600	58,0
60,0	45,1	93,7	17 900	48,4	96,7	18 300	51,4	98,9	16 500	60,0
62,0	42,9	91,6	16 900	46,4	94,8	17 300	49,5	97,2	15 600	62,0
64,0	40,7	89,3	16 000	44,3	92,8	16 300	47,5	95,4	14 600	64,0
66,0	38,4	86,8	15 100	42,1	90,6	15 400	45,5	93,5	13 700	66,0
68,0	35,9	84,1	14 300	39,8	88,3	14 500	43,4	91,4	13 000	68,0
70,0	33,3	81,2	13 500	37,5	85,7	13 700	41,2	89,2	12 200	70,0
72,0	30,4	77,8	12 800	34,9	82,9	12 900	38,8	86,7	11 500	72,0
74,0	27,3	74,1	12 100	32,2	79,9	12 200	36,4	84,1	10 800	74,0
76,0	23,9	69,8	11 400	29,3	76,4	11 500	33,8	81,2	10 200	76,0
80,0	14,7	58,0	10 100	26,1	72,5	10 900	31,0	77,9	9 600	80,0
84,0				18,1	62,4	9 700	24,6	70,2	8 500	84,0
							15,9	59,0	7 400	



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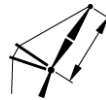
ANSI B30.5



134 260 kg
+
27 220 kg



36,0 m



84,0 m

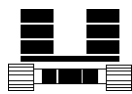
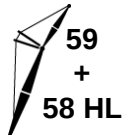
	87°			85°		
						
m	o	m	kg	o	m	kg
27,4	74,6	119,8	40 600 *			
28,0	74,2	119,6	40 500 *			
30,0	72,8	119,0	40 000 *			
32,0	71,3	118,3	39 500 *	72,2	118,7	39 300 *
34,0	69,9	117,6	38 900 *	70,8	118,0	38 800 *
36,0	68,4	116,8	38 300	69,3	117,2	37 600
38,0	66,9	116,0	36 000	67,9	116,4	34 800
40,0	65,4	115,1	33 400	66,4	115,6	32 200
42,0	63,9	114,1	31 000	64,9	114,6	30 000
44,0	62,4	113,1	28 900	63,3	113,6	27 900
46,0	60,8	112,0	27 000	61,8	112,6	26 100
48,0	59,2	110,8	25 300	60,2	111,4	24 400
50,0	57,6	109,5	23 700	58,6	110,2	22 800
52,0	56,0	108,2	22 200	57,0	108,9	21 400
54,0	54,3	106,8	20 800	55,4	107,6	20 000
56,0	52,6	105,3	19 600	53,7	106,1	18 800
58,0	50,8	103,7	18 500	52,0	104,6	17 700
60,0	49,0	101,9	17 400	50,2	102,9	16 700
62,0	47,2	100,1	16 400	48,4	101,2	15 700
64,0	45,3	98,2	15 400	46,5	99,3	14 800
66,0	43,3	96,1	14 600	44,6	97,3	13 900
68,0	41,3	93,8	13 700	42,6	95,2	13 100
70,0	39,1	91,4	13 000	40,5	92,9	12 400
72,0	36,9	88,8	12 200	38,3	90,4	11 700
74,0	34,5	86,0	11 500	36,0	87,7	11 000
76,0	32,0	82,9	10 900	33,6	84,8	10 300
80,0	26,3	75,5	9 700	28,2	77,9	9 100
84,0	19,0	65,7	8 500	21,6	69,1	8 100
88,0				11,8	55,3	7 000



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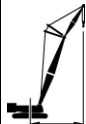
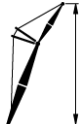
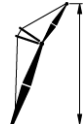
134 260 kg
+
27 220 kg



42,0 m

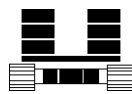
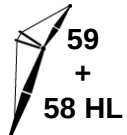


24,0 m

	 87°			 85°			 80°				
											
	m	o	m	kg	o	m	kg	o	m	kg	m
12,2	73,6	67,8	151 000 *d								12,2
14,0	69,0	67,2	138 200 *c								14,0
16,0	63,7	66,2	123 500 b	67,6	66,8	122 500 c					16,0
18,0	58,1	65,0	106 900	62,3	65,8	104 000 b					18,0
20,0	52,2	63,5	92 700	56,6	64,5	90 400	66,7	66,1	84 800 b		20,0
22,0	45,6	61,6	81 800	50,5	62,9	79 800	61,3	65,0	74 800 b		22,0
24,0	38,2	59,2	73 000	43,8	60,9	71 200	55,6	63,7	66 700		24,0
26,0	29,2	56,0	65 700	36,1	58,4	64 200	49,4	62,0	60 100		26,0
28,0				26,3	54,8	58 200	42,6	60,0	54 600		28,0
30,0							34,6	57,3	49 800		30,0
32,0							24,3	53,5	45 700		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

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

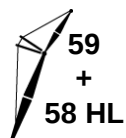


24,0 m

	75°			70°			65°			
	m	o	m	kg	o	m	kg	o	m	kg
12,2										12,2
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	56 100 b						26,0
28,0	54,4		62,5	50 900						28,0
30,0	48,1		60,8	46 500						30,0
32,0	41,1		58,6	42 700	52,9	60,9	39 600			32,0
34,0	32,8		55,8	39 400	46,5	59,1	36 500			34,0
36,0	21,6		51,5	36 400	39,2	56,8	33 800			36,0
38,0					30,4	53,7	31 400	44,4	57,0	29 000
40,0								36,7	54,5	27 000
42,0								27,2	51,0	25 100
44,0								11,1	44,6	23 300
										44,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

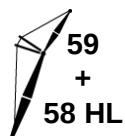


30,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
13,7	73,9	73,6	133 200 *c							13,7
14,0	73,4	73,6	131 500 *c							14,0
16,0	69,3	72,8	119 700 *b							16,0
18,0	65,1	71,9	106 600 b	68,2	72,5	103 900 b				18,0
20,0	60,8	70,8	92 500	64,0	71,5	90 200 b				20,0
22,0	56,2	69,5	81 600	59,6	70,4	79 500				22,0
24,0	51,4	68,0	72 900	55,0	69,0	71 000	63,3	70,8	66 400	24,0
26,0	46,2	66,1	65 700	50,1	67,4	64 000	58,8	69,6	59 800	26,0
28,0	40,4	63,9	59 700	44,7	65,4	58 200	54,2	68,2	54 300	28,0
30,0	33,9	61,1	54 600	38,8	63,1	53 200	49,2	66,5	49 600	30,0
32,0	25,8	57,4	50 100	32,0	60,1	48 900	43,8	64,5	45 600	32,0
34,0				23,3	56,0	45 100	37,7	62,1	42 100	34,0
36,0							30,7	59,0	39 000	36,0
38,0							21,5	54,6	36 200	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

16000 S-2

ANSI B30.5



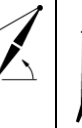
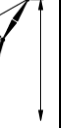
134 260 kg
+
27 220 kg



42,0 m

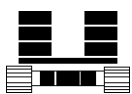
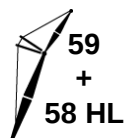


30,0 m

	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										28,0
30,0	57,9	68,4	46 100							30,0
32,0	53,2	67,0	42 400							32,0
34,0	48,1	65,3	39 100	56,8	66,9	36 100				34,0
36,0	42,6	63,2	36 200	52,0	65,4	33 400				36,0
38,0	36,4	60,6	33 600	46,8	63,6	31 000				38,0
40,0	29,1	57,3	31 300	41,2	61,4	28 900	50,5	63,4	26 500	40,0
42,0	19,1	52,5	29 200	34,8	58,7	27 000	45,2	61,5	24 800	42,0
44,0				27,0	55,2	25 200	39,3	59,2	23 100	44,0
46,0							32,6	56,3	21 700	46,0
48,0							24,1	52,3	20 300	48,0
50,0							9,7	45,0	18 900	50,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

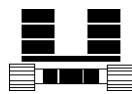
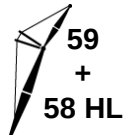


36,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
15,2	74,2	79,4	116 800 *b							15,2
16,0	72,9	79,2	113 300 *b							16,0
18,0	69,5	78,5	104 300 *b							18,0
20,0	66,0	77,6	92 100	68,6	78,1	89 700				20,0
22,0	62,5	76,6	81 200	65,1	77,2	79 100				22,0
24,0	58,8	75,4	72 500	61,5	76,2	70 600				24,0
26,0	54,9	74,0	65 300	57,8	74,9	63 600	64,5	76,5	59 200	26,0
28,0	50,8	72,4	59 400	53,9	73,5	57 800	60,9	75,4	53 700	28,0
30,0	46,5	70,6	54 300	49,7	71,8	52 800	57,1	74,1	49 100	30,0
32,0	41,8	68,4	49 900	45,3	69,9	48 500	53,2	72,7	45 100	32,0
34,0	36,7	65,9	46 100	40,5	67,7	44 800	49,0	71,0	41 600	34,0
36,0	30,7	62,7	42 700	35,2	65,0	41 500	44,6	69,0	38 500	36,0
38,0	23,4	58,6	39 700	29,0	61,7	38 600	39,7	66,7	35 900	38,0
40,0				21,1	57,1	36 000	34,2	63,9	33 400	40,0
42,0							27,8	60,4	31 300	42,0
44,0							19,5	55,6	29 200	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0

16000 S-2

ANSI B30.5



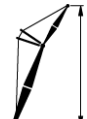
134 260 kg
+
27 220 kg



42,0 m

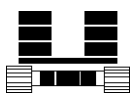
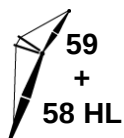


36,0 m

 m	 75°			 70°			 65°			 m
	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
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	60,1	74,3	41 700							32,0
34,0	56,3	73,0	38 400							34,0
36,0	52,4	71,5	35 600							36,0
38,0	48,1	69,7	33 100							38,0
40,0	43,6	67,7	30 800	51,4	69,9	28 200				40,0
42,0	38,7	65,3	28 800	47,1	68,1	26 400				42,0
44,0	33,0	62,4	27 000	42,4	66,0	24 700	50,1	67,9	22 500	44,0
46,0	26,4	58,7	25 300	37,3	63,5	23 100	45,7	66,0	21 000	46,0
48,0	17,3	53,4	23 700	31,5	60,4	21 700	41,0	63,8	19 700	48,0
50,0				24,5	56,4	20 400	35,7	61,1	18 500	50,0
52,0							29,6	57,8	17 400	52,0
54,0							21,9	53,4	16 300	54,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

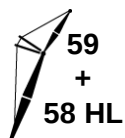


42,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
16,8	74,3	85,2	103 800 *b							16,8
18,0	72,6	84,9	99 200 *							18,0
20,0	69,7	84,1	92 000	71,8	84,5	89 300				20,0
22,0	66,7	83,3	80 800	68,9	83,8	78 600				22,0
24,0	63,7	82,3	72 100	65,9	82,9	70 200				24,0
26,0	60,5	81,2	65 000	62,9	81,9	63 200				26,0
28,0	57,3	79,9	59 000	59,7	80,8	57 400	65,4	82,2	53 300	28,0
30,0	54,0	78,5	53 900	56,5	79,5	52 400	62,3	81,2	48 600	30,0
32,0	50,5	76,9	49 500	53,1	78,0	48 100	59,2	80,0	44 600	32,0
34,0	46,8	75,1	45 800	49,5	76,3	44 400	55,9	78,7	41 100	34,0
36,0	42,8	73,0	42 400	45,8	74,4	41 200	52,5	77,2	38 100	36,0
38,0	38,5	70,6	39 500	41,7	72,3	38 300	48,9	75,5	35 500	38,0
40,0	33,8	67,7	36 800	37,3	69,7	35 700	45,1	73,5	33 000	40,0
42,0	28,3	64,3	34 400	32,4	66,8	33 400	41,0	71,3	30 900	42,0
44,0	21,6	59,7	32 300	26,7	63,1	31 300	36,6	68,7	28 900	44,0
46,0				19,4	58,1	29 400	31,5	65,6	27 200	46,0
48,0							25,6	61,8	25 500	48,0
50,0							17,9	56,5	24 000	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

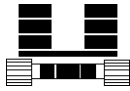
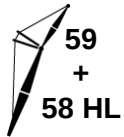


42,0 m

	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										32,0
34,0	61,7	80,1	37 900							34,0
36,0	58,5	78,9	35 100							36,0
38,0	55,2	77,5	32 600							38,0
40,0	51,8	76,0	30 300							40,0
42,0	48,2	74,2	28 300	54,4	75,9	25 900				42,0
44,0	44,3	72,2	26 600	50,9	74,4	24 100				44,0
46,0	40,2	69,9	24 900	47,2	72,6	22 700				46,0
48,0	35,6	67,3	23 400	43,3	70,5	21 300	49,8	72,3	19 200	48,0
50,0	30,5	64,1	22 000	39,1	68,1	20 000	46,1	70,5	18 000	50,0
52,0	24,3	60,0	20 700	34,4	65,3	18 800	42,1	68,3	16 900	52,0
54,0	15,9	54,2	19 500	29,1	62,0	17 700	37,7	65,8	15 900	54,0
56,0				22,5	57,6	16 700	32,9	62,9	14 900	56,0
58,0							27,2	59,3	14 100	58,0
60,0							20,1	54,5	13 200	60,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

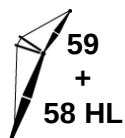


48,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
18,3	74,4	91,1	92 100 *							18,3
20,0	72,3	90,5	87 100 *							20,0
22,0	69,8	89,8	80 700	71,6	90,2	78 200				22,0
24,0	67,2	89,0	71 700	69,1	89,4	69 600				24,0
26,0	64,5	88,0	64 500	66,5	88,6	62 600				26,0
28,0	61,8	87,0	58 500	63,8	87,6	56 800				28,0
30,0	59,1	85,8	53 400	61,1	86,5	51 900	66,1	87,9	48 000	30,0
32,0	56,2	84,5	49 100	58,3	85,3	47 600	63,4	86,9	44 000	32,0
34,0	53,3	83,0	45 300	55,5	84,0	43 900	60,7	85,8	40 500	34,0
36,0	50,2	81,4	42 000	52,5	82,5	40 700	57,9	84,6	37 500	36,0
38,0	46,9	79,6	39 000	49,3	80,8	37 800	55,0	83,2	34 800	38,0
40,0	43,5	77,5	36 400	46,1	78,9	35 300	52,0	81,6	32 500	40,0
42,0	39,9	75,2	34 000	42,6	76,8	33 000	48,8	79,9	30 300	42,0
44,0	35,9	72,5	31 900	38,9	74,4	30 900	45,5	78,0	28 400	44,0
46,0	31,5	69,4	30 000	34,8	71,6	29 000	42,0	75,8	26 700	46,0
48,0	26,4	65,7	28 200	30,2	68,4	27 300	38,2	73,4	25 000	48,0
50,0	20,1	60,8	26 500	24,9	64,4	25 700	34,1	70,6	23 600	50,0
52,0				18,1	59,1	24 200	29,4	67,2	22 200	52,0
54,0							23,9	63,0	20 900	54,0
56,0							16,7	57,3	19 800	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

16000 S-2

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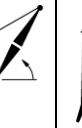
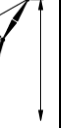
134 260 kg
+
27 220 kg



42,0 m

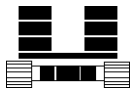
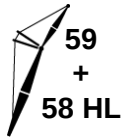


48,0 m

	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	60,1	84,7	31 900							38,0
40,0	57,3	83,4	29 700							40,0
42,0	54,4	82,0	27 700							42,0
44,0	51,3	80,4	25 900							44,0
46,0	48,2	78,7	24 300	53,6	80,4	21 900				46,0
48,0	44,8	76,7	22 800	50,6	78,8	20 500				48,0
50,0	41,3	74,5	21 400	47,4	77,0	19 300				50,0
52,0	37,4	72,0	20 200	44,0	75,0	18 100	49,6	76,8	16 100	52,0
54,0	33,2	69,1	19 000	40,3	72,7	17 100	46,3	74,9	15 200	54,0
56,0	28,4	65,6	17 900	36,4	70,1	16 100	42,9	72,9	14 300	56,0
58,0	22,6	61,2	16 900	32,1	67,1	15 200	39,2	70,5	13 400	58,0
60,0	14,8	55,0	15 900	27,1	63,4	14 300	35,1	67,7	12 600	60,0
62,0				21,0	58,7	13 400	30,6	64,5	11 900	62,0
64,0				12,1	51,5	12 600	25,4	60,6	11 200	64,0
66,0							18,8	55,5	10 500	66,0

16000 S-2

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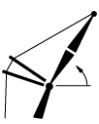
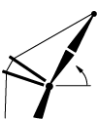
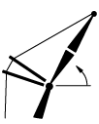
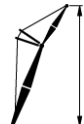
134 260 kg
+
27 220 kg



42,0 m

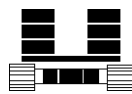
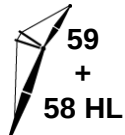


54,0 m

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

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

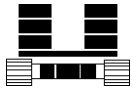
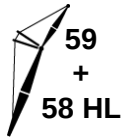


54,0 m

	 75°			 70°			 65°				
	 m	 o	 m	 kg	 o	 m	 kg	 o	 m		 kg
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	61,3		90,4	29 100							40,0
42,0	58,9		89,3	27 100							42,0
44,0	56,3		87,9	25 300							44,0
46,0	53,7		86,5	23 700							46,0
48,0	51,0		84,9	22 300	55,7	86,4	20 000				48,0
50,0	48,2		83,2	20 900	53,0	84,9	18 700				50,0
52,0	45,2		81,2	19 700	50,3	83,3	17 600				52,0
54,0	42,1		79,1	18 500	47,5	81,5	16 500				54,0
56,0	38,8		76,6	17 500	44,5	79,5	15 600	49,5	81,3	13 700	56,0
58,0	35,2		73,9	16 500	41,3	77,3	14 700	46,6	79,4	12 800	58,0
60,0	31,2		70,7	15 500	37,9	74,8	13 800	43,5	77,4	12 100	60,0
62,0	26,7		67,0	14 700	34,2	72,0	13 000	40,3	75,1	11 300	62,0
64,0	21,3		62,3	13 800	30,1	68,7	12 200	36,8	72,5	10 700	64,0
66,0	13,9		55,7	13 100	25,5	64,8	11 500	33,0	69,5	10 000	66,0
68,0					19,7	59,7	10 800	28,8	66,1	9 400	68,0
70,0					11,4	52,1	10 100	23,9	61,9	8 800	70,0
72,0								17,6	56,4	8 200	72,0

16000 S-2

ANSI B30.5



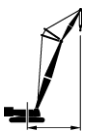
134 260 kg
+
27 220 kg



42,0 m

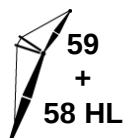


60,0 m

	 87°			 85°			 80°				
	 m	 o	 m	kg	 o	 m	kg	 o	 m		kg
21,3	74,6	102,7	73 500 *								21,3
22,0	74,0	102,5	72 600 *								22,0
24,0	71,9	101,8	69 300 *								24,0
26,0	69,9	101,1	63 500	71,4	101,5	61 600					26,0
28,0	67,9	100,3	57 500	69,4	100,8	55 700					28,0
30,0	65,8	99,4	52 500	67,3	99,9	50 800					30,0
32,0	63,6	98,4	48 100	65,2	99,0	46 600					32,0
34,0	61,5	97,4	44 300	63,1	98,0	42 900	67,0	99,2	39 300		34,0
36,0	59,3	96,2	41 000	60,9	96,9	39 700	64,9	98,3	36 300		36,0
38,0	57,0	94,9	38 100	58,7	95,7	36 800	62,7	97,3	33 700		38,0
40,0	54,7	93,5	35 500	56,4	94,4	34 300	60,5	96,2	31 300		40,0
42,0	52,3	92,0	33 100	54,0	93,0	32 000	58,3	95,0	29 200		42,0
44,0	49,8	90,3	31 000	51,6	91,4	29 900	56,0	93,6	27 300		44,0
46,0	47,2	88,5	29 100	49,1	89,7	28 100	53,6	92,2	25 500		46,0
48,0	44,5	86,5	27 300	46,5	87,9	26 400	51,2	90,6	24 000		48,0
50,0	41,7	84,3	25 800	43,8	85,8	24 800	48,7	88,9	22 500		50,0
52,0	38,7	81,9	24 300	40,9	83,6	23 400	46,1	87,0	21 200		52,0
54,0	35,4	79,2	22 900	37,8	81,1	22 100	43,3	84,9	20 000		54,0
56,0	31,9	76,1	21 700	34,5	78,3	20 900	40,4	82,6	18 800		56,0
58,0	28,0	72,5	20 500	30,9	75,1	19 700	37,3	80,1	17 800		58,0
60,0	23,5	68,2	19 400	26,9	71,3	18 700	34,0	77,2	16 800		60,0
62,0	17,9	62,7	18 300	22,2	66,8	17 700	30,3	73,9	15 900		62,0
64,0	9,3	53,9	17 300	16,1	60,8	16 700	26,2	70,1	15 000		64,0
66,0							21,3	65,3	14 200		66,0
68,0							14,8	58,9	13 400		68,0
70,0											70,0
72,0											72,0
74,0											74,0
76,0											76,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

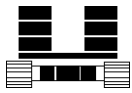
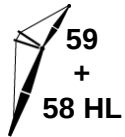


60,0 m

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

16000 S-2

ANSI B30.5



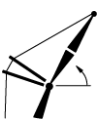
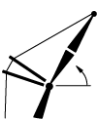
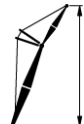
134 260 kg
+
27 220 kg



42,0 m

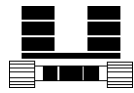
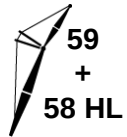


66,0 m

	 87°			 85°			 80°				
											
	m	o	m	kg	o	m	kg	o	m	kg	m
22,9	74,7	108,5	61 700 *								22,9
24,0	73,6	108,1	61 400 *								24,0
26,0	71,8	107,5	60 800								26,0
28,0	70,0	106,8	57 300	71,3	107,2	55 200					28,0
30,0	68,1	106,0	51 900	69,5	106,4	50 200					30,0
32,0	66,2	105,1	47 500	67,6	105,6	46 000					32,0
34,0	64,3	104,2	43 800	65,7	104,7	42 300					34,0
36,0	62,3	103,1	40 400	63,8	103,7	39 100					36,0
38,0	60,3	102,0	37 500	61,8	102,7	36 200	65,4	104,0	33 100		38,0
40,0	58,3	100,8	34 900	59,8	101,6	33 700	63,5	103,0	30 700		40,0
42,0	56,2	99,4	32 600	57,8	100,3	31 400	61,5	101,9	28 600		42,0
44,0	54,1	98,0	30 400	55,7	98,9	29 400	59,5	100,8	26 700		44,0
46,0	51,9	96,5	28 500	53,5	97,5	27 500	57,4	99,5	24 900		46,0
48,0	49,6	94,8	26 800	51,3	95,9	25 800	55,3	98,2	23 400		48,0
50,0	47,3	93,0	25 200	49,0	94,2	24 300	53,2	96,7	21 900		50,0
52,0	44,9	91,0	23 800	46,7	92,4	22 900	50,9	95,1	20 600		52,0
54,0	42,3	88,9	22 400	44,2	90,3	21 500	48,6	93,3	19 400		54,0
56,0	39,6	86,5	21 100	41,6	88,1	20 300	46,3	91,5	18 200		56,0
58,0	36,8	83,9	20 000	38,9	85,7	19 200	43,8	89,4	17 200		58,0
60,0	33,7	81,0	18 900	36,0	83,0	18 100	41,2	87,2	16 200		60,0
62,0	30,4	77,7	17 900	32,9	80,0	17 100	38,4	84,7	15 300		62,0
64,0	26,6	73,9	16 900	29,4	76,6	16 200	35,5	82,0	14 500		64,0
66,0	22,3	69,4	16 000	25,6	72,7	15 400	32,3	78,9	13 600		66,0
68,0	17,0	63,6	15 200	21,1	67,9	14 500	28,8	75,5	12 900		68,0
70,0	8,8	54,3	14 300	15,3	61,5	13 700	24,9	71,4	12 200		70,0
72,0							20,2	66,4	11 500		72,0
74,0							14,1	59,6	10 800		74,0
76,0											76,0

16000 S-2

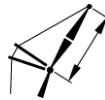
ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m

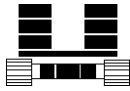
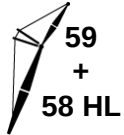


66,0 m

	75°		
	m	o	kg
22,9			
24,0			
26,0			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0	61,1	100,8	22 400
48,0	59,1	99,7	20 900
50,0	57,0	98,4	19 600
52,0	54,9	97,0	18 300
54,0	52,7	95,5	17 200
56,0	50,5	93,9	16 200
58,0	48,2	92,1	15 200
60,0	45,8	90,2	14 300
62,0	43,3	88,1	13 500
64,0	40,6	85,8	12 700
66,0	37,8	83,3	11 900
68,0	34,9	80,5	11 200
70,0	31,6	77,4	10 600
72,0	28,1	73,8	10 000
74,0	24,0	69,6	9 400
76,0	19,2	64,4	8 800

16000 S-2

ANSI B30.5



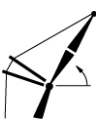
134 260 kg
+
27 220 kg



42,0 m



72,0 m

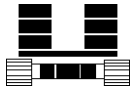
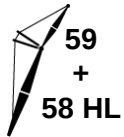
	 87°			 85°			 80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
24,4	74,7	114,3	52 200 *							24,4
26,0	73,4	113,8	51 700 *							26,0
28,0	71,7	113,1	51 200 *							28,0
30,0	70,0	112,4	50 500	71,3	112,8	49 200				30,0
32,0	68,3	111,6	47 000	69,6	112,1	45 400				32,0
34,0	66,6	110,8	43 200	67,9	111,3	41 700				34,0
36,0	64,8	109,8	39 900	66,1	110,4	38 500				36,0
38,0	63,0	108,8	37 000	64,4	109,5	35 600				38,0
40,0	61,2	107,8	34 300	62,6	108,4	33 100	65,8	109,7	30 000	40,0
42,0	59,4	106,6	32 000	60,8	107,3	30 800	64,1	108,7	27 900	42,0
44,0	57,5	105,3	29 900	58,9	106,1	28 800	62,3	107,7	26 000	44,0
46,0	55,6	104,0	28 000	57,0	104,8	26 900	60,4	106,6	24 300	46,0
48,0	53,6	102,5	26 300	55,1	103,5	25 200	58,6	105,4	22 700	48,0
50,0	51,6	101,0	24 700	53,1	102,0	23 700	56,7	104,1	21 200	50,0
52,0	49,5	99,3	23 200	51,1	100,4	22 200	54,7	102,7	19 900	52,0
54,0	47,4	97,5	21 800	49,0	98,7	20 900	52,8	101,2	18 700	54,0
56,0	45,1	95,5	20 600	46,8	96,8	19 700	50,7	99,6	17 600	56,0
58,0	42,8	93,4	19 500	44,5	94,8	18 600	48,6	97,8	16 600	58,0
60,0	40,4	91,1	18 300	42,2	92,7	17 600	46,4	95,9	15 600	60,0
62,0	37,8	88,6	17 400	39,7	90,3	16 600	44,2	93,9	14 700	62,0
64,0	35,1	85,8	16 400	37,1	87,7	15 700	41,8	91,7	13 800	64,0
66,0	32,2	82,7	15 500	34,4	84,9	14 800	39,3	89,3	13 100	66,0
68,0	29,0	79,3	14 700	31,4	81,7	14 000	36,7	86,7	12 300	68,0
70,0	25,5	75,3	13 900	28,1	78,1	13 200	33,9	83,8	11 600	70,0
72,0	21,4	70,5	13 100	24,5	74,0	12 500	30,9	80,6	10 900	72,0
74,0	16,2	64,4	12 400	20,1	68,9	11 800	27,5	76,9	10 300	74,0
76,0	8,4	54,7	11 700	14,6	62,3	11 100	23,8	72,6	9 700	76,0
80,0							13,5	60,3	8 500	80,0



REFERENCE
ONLY!

16000 S-2

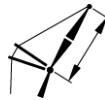
ANSI B30.5



134 260 kg
+
27 220 kg



42,0 m



78,0 m

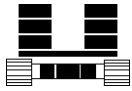
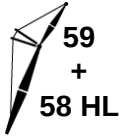
	87°			85°		
						
m	o	m	kg	o	m	kg
25,9	74,8	120,1	44 600 *			
26,0	74,7	120,1	44 600 *			
28,0	73,2	119,5	44 200 *			
30,0	71,6	118,8	43 800 *			
32,0	70,1	118,1	43 300 *	71,2	118,5	43 100 *
34,0	68,5	117,3	42 500	69,6	117,7	41 400
36,0	66,9	116,5	39 500	68,1	116,9	37 900
38,0	65,3	115,6	36 400	66,5	116,1	35 100
40,0	63,6	114,6	33 800	64,8	115,2	32 600
42,0	62,0	113,5	31 500	63,2	114,2	30 300
44,0	60,3	112,4	29 400	61,5	113,1	28 200
46,0	58,6	111,2	27 500	59,8	111,9	26 400
48,0	56,8	109,9	25 700	58,1	110,7	24 700
50,0	55,0	108,5	24 100	56,4	109,4	23 200
52,0	53,2	107,0	22 700	54,6	108,0	21 700
54,0	51,3	105,4	21 300	52,7	106,5	20 400
56,0	49,4	103,7	20 100	50,8	104,9	19 200
58,0	47,4	101,9	19 000	48,9	103,2	18 100
60,0	45,4	100,0	17 900	46,9	101,3	17 100
62,0	43,3	97,9	16 900	44,8	99,3	16 100
64,0	41,0	95,7	15 900	42,7	97,2	15 200
66,0	38,7	93,2	15 000	40,5	94,9	14 300
68,0	36,3	90,6	14 200	38,1	92,4	13 500
70,0	33,7	87,6	13 500	35,6	89,7	12 800
72,0	30,9	84,4	12 700	33,0	86,7	12 100
74,0	27,8	80,7	12 000	30,1	83,3	11 400
76,0	24,4	76,6	11 400	27,0	79,6	10 700
80,0	15,6	65,2	10 100	19,3	70,0	9 500



REFERENCE
ONLY!

16000 S-2

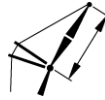
ANSI B30.5



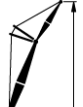
134 260 kg
+
27 220 kg



42,0 m

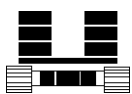
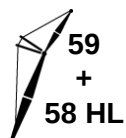


84,0 m

	 87°			 85°			
	 m	 o	 m	 kg	 o	 m	 kg
27,4	74,8	125,9	38 100 *				
28,0	74,4	125,7	37 900 *				
30,0	73,0	125,1	37 500 *				
32,0	71,5	124,4	37 100 *	72,6	124,8	36 900 *	
34,0	70,1	123,7	36 700 *	71,2	124,1	36 600 *	
36,0	68,6	123,0	36 300 *	69,7	123,4	36 200 *	
38,0	67,2	122,1	35 800	68,2	122,6	34 500	
40,0	65,7	121,2	33 200	66,8	121,8	31 900	
42,0	64,1	120,3	30 900	65,3	120,8	29 700	
44,0	62,6	119,2	28 800	63,7	119,9	27 600	
46,0	61,1	118,2	26 900	62,2	118,8	25 800	
48,0	59,5	117,0	25 200	60,6	117,7	24 100	
50,0	57,9	115,7	23 600	59,1	116,5	22 500	
52,0	56,2	114,4	22 100	57,4	115,3	21 100	
54,0	54,6	113,0	20 800	55,8	113,9	19 800	
56,0	52,9	111,5	19 500	54,1	112,5	18 600	
58,0	51,1	109,9	18 400	52,4	111,0	17 500	
60,0	49,3	108,2	17 300	50,7	109,3	16 500	
62,0	47,5	106,4	16 300	48,9	107,6	15 500	
64,0	45,6	104,5	15 400	47,0	105,8	14 600	
66,0	43,6	102,4	14 500	45,1	103,8	13 700	
68,0	41,6	100,2	13 700	43,1	101,7	13 000	
70,0	39,5	97,8	12 900	41,0	99,5	12 200	
72,0	37,2	95,2	12 200	38,9	97,0	11 500	
74,0	34,9	92,4	11 500	36,6	94,4	10 800	
76,0	32,4	89,4	10 800	34,3	91,5	10 200	
80,0	26,8	82,2	9 600	29,0	84,9	9 000	
84,0	19,7	72,6	8 500	22,6	76,4	7 900	
88,0	7,7	55,5	6 800 *	13,5	63,7	6 900	



REFERENCE
ONLY!



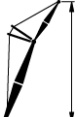
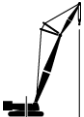
134 260 kg
+
27 220 kg



48,0 m

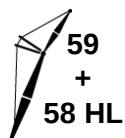


24,0 m

	 87°			 85°			 80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
12,2	74,4	73,9	145 200 *d							12,2
14,0	69,8	73,3	132 300 *c							14,0
16,0	64,5	72,3	119 700 *b	69,0	73,0	120 900 c				16,0
18,0	59,0	71,2	106 500 b	63,7	72,0	103 500 b				18,0
20,0	53,1	69,7	92 600	58,1	70,8	89 900 b				20,0
22,0	46,7	67,9	81 700	52,2	69,3	79 300	64,2	71,5	73 500 b	22,0
24,0	39,5	65,7	72 900	45,6	67,5	70 800	58,6	70,3	65 500 b	24,0
26,0	30,7	62,6	65 700	38,2	65,1	63 800	52,7	68,9	59 100	26,0
28,0	18,3	57,8	59 500	29,1	61,9	57 900	46,3	67,0	53 600	28,0
30,0				15,4	56,5	52 700	38,9	64,7	49 000	30,0
32,0							30,1	61,6	45 000	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

16000 S-2

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134 260 kg
+
27 220 kg



48,0 m

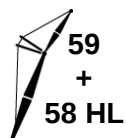


24,0 m

	 75°				 70°				 65°				
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m			
12,2											12,2		
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	49 300 b								28,0		
30,0	53,1	67,9	45 000								30,0		
32,0	46,6	66,2	41 300								32,0		
34,0	39,4	63,9	38 100	53,1	66,6	34 700					34,0		
36,0	30,6	60,8	35 200	46,7	64,8	32 100					36,0		
38,0	18,1	56,0	32 600	39,4	62,5	29 800					38,0		
40,0				30,7	59,5	27 700					40,0		
42,0				18,2	54,6	25 700	46,2	63,0	25 000		42,0		
44,0							38,9	60,7	23 300		44,0		
							30,0	57,5	21 800		44,0		

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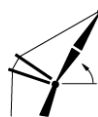
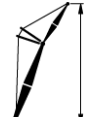
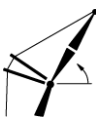
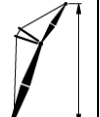
134 260 kg
+
27 220 kg



48,0 m

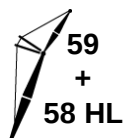


30,0 m

	 87°			 85°			 80°			
										
m	o	m	kg	o	m	kg	o	m	kg	m
13,7	74,6	79,7	126 500 *c							13,7
14,0	74,0	79,6	125 000 *c							14,0
16,0	69,9	78,9	114 300 *b							16,0
18,0	65,8	78,1	104 800 *b	69,3	78,7	103 200 b				18,0
20,0	61,5	77,0	92 400	65,1	77,7	89 600 b				20,0
22,0	56,9	75,7	81 500	60,8	76,7	79 100				22,0
24,0	52,2	74,2	72 800	56,2	75,4	70 600	65,5	77,2	65 100 b	24,0
26,0	47,0	72,4	65 600	51,4	73,8	63 700	61,2	76,1	58 600	26,0
28,0	41,4	70,3	59 600	46,2	72,0	57 800	56,6	74,9	53 300	28,0
30,0	35,0	67,6	54 500	40,4	69,7	52 800	51,8	73,3	48 700	30,0
32,0	27,3	64,1	50 100	33,9	66,9	48 600	46,7	71,5	44 700	32,0
34,0				25,8	63,2	44 800	41,0	69,3	41 300	34,0
36,0				13,6	57,2	41 400	34,5	66,6	38 200	36,0
38,0							26,7	63,0	35 500	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

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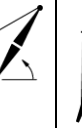
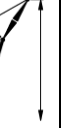
134 260 kg
+
27 220 kg



48,0 m

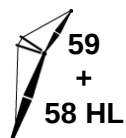


30,0 m

	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										28,0
30,0										30,0
32,0	56,9	73,9	40 900							32,0
34,0	52,1	72,4	37 700							34,0
36,0	47,0	70,6	34 900							36,0
38,0	41,3	68,5	32 500	52,1	71,1	29 400				38,0
40,0	34,9	65,8	30 300	47,0	69,3	27 400				40,0
42,0	27,2	62,2	28 200	41,3	67,1	25 500				42,0
44,0	16,0	56,8	26 300	34,9	64,4	23 900	46,6	67,5	21 400	44,0
46,0				27,2	60,9	22 300	41,0	65,3	20 000	46,0
48,0				16,1	55,5	20 900	34,5	62,5	18 700	48,0
50,0							26,6	59,0	17 500	50,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

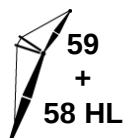


36,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
15,2	74,7	85,5	111 700 *b							15,2
16,0	73,4	85,3	108 400 *b							16,0
18,0	70,0	84,6	100 200 *b							18,0
20,0	66,6	83,7	92 200	69,5	84,3	89 100 b				20,0
22,0	63,0	82,7	81 100	66,0	83,4	78 500				22,0
24,0	59,4	81,6	72 400	62,5	82,4	70 100				24,0
26,0	55,5	80,2	65 200	58,8	81,2	63 200	66,4	82,9	58 000	26,0
28,0	51,5	78,7	59 300	54,9	79,9	57 400	62,8	81,9	52 600	28,0
30,0	47,2	76,9	54 200	50,8	78,3	52 400	59,1	80,7	48 100	30,0
32,0	42,6	74,8	49 800	46,5	76,4	48 200	55,3	79,4	44 100	32,0
34,0	37,5	72,3	46 000	41,8	74,3	44 500	51,2	77,8	40 700	34,0
36,0	31,7	69,3	42 600	36,7	71,7	41 200	46,9	76,0	37 800	36,0
38,0	24,7	65,3	39 600	30,7	68,6	38 400	42,3	73,9	35 100	38,0
40,0				23,4	64,5	35 800	37,2	71,4	32 700	40,0
42,0							31,3	68,3	30 600	42,0
44,0							24,2	64,3	28 600	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

16000 S-2

ANSI B30.5



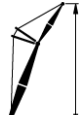
134 260 kg
+
27 220 kg



48,0 m

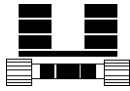
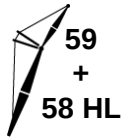


36,0 m

	 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	63,0	80,9	40 100								32,0		
34,0	59,3	79,8	37 000								34,0		
36,0	55,5	78,5	34 200								36,0		
38,0	51,4	76,9	31 800								38,0		
40,0	47,2	75,1	29 600	55,5	77,1	26 600					40,0		
42,0	42,6	73,0	27 700	51,5	75,6	24 800					42,0		
44,0	37,5	70,5	25 900	47,2	73,8	23 200					44,0		
46,0	31,7	67,5	24 300	42,6	71,7	21 800	51,2	73,8	19 200		46,0		
48,0	24,6	63,5	22 800	37,5	69,2	20 400	46,9	72,0	18 000		48,0		
50,0	14,5	57,5	21 400	31,7	66,1	19 200	42,3	69,8	16 900		50,0		
52,0				24,7	62,2	18 000	37,1	67,3	15 900		52,0		
54,0				14,5	56,2	16 800	31,3	64,2	14 900		54,0		
56,0							24,2	60,2	14 000		56,0		

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

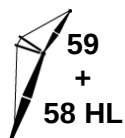


42,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
16,8	74,8	91,3	99 200 *b							16,8
18,0	73,0	90,9	95 000 *b							18,0
20,0	70,1	90,2	88 500	72,6	90,7	88 700 b				20,0
22,0	67,2	89,4	81 100	69,7	90,0	78 100				22,0
24,0	64,1	88,5	72 000	66,7	89,1	69 600				24,0
26,0	61,0	87,4	64 900	63,7	88,2	62 800				26,0
28,0	57,8	86,2	58 900	60,5	87,1	57 000	67,0	88,6	52 100	28,0
30,0	54,5	84,7	53 800	57,3	85,8	52 000	63,9	87,6	47 500	30,0
32,0	51,0	83,2	49 500	54,0	84,4	47 800	60,8	86,5	43 600	32,0
34,0	47,4	81,4	45 700	50,5	82,8	44 100	57,6	85,3	40 200	34,0
36,0	43,5	79,3	42 300	46,8	80,9	40 900	54,3	83,9	37 300	36,0
38,0	39,2	77,0	39 400	42,8	78,8	38 100	50,8	82,3	34 600	38,0
40,0	34,6	74,2	36 800	38,5	76,4	35 500	47,1	80,5	32 300	40,0
42,0	29,3	70,8	34 400	33,8	73,6	33 200	43,2	78,4	30 200	42,0
44,0	22,8	66,6	32 200	28,3	70,1	31 100	38,9	76,0	28 300	44,0
46,0				21,6	65,6	29 200	34,2	73,2	26 600	46,0
48,0							28,9	69,8	24 900	48,0
50,0							22,3	65,4	23 500	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

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

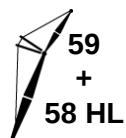


42,0 m

	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										34,0
36,0	61,0	85,6	33 700							36,0
38,0	57,8	84,4	31 300							38,0
40,0	54,5	83,0	29 100							40,0
42,0	51,0	81,4	27 200							42,0
44,0	47,3	79,6	25 500	54,5	81,6	22 600				44,0
46,0	43,4	77,5	23 900	51,0	80,0	21 200				46,0
48,0	39,2	75,2	22 400	47,3	78,2	19 900				48,0
50,0	34,5	72,4	21 100	43,4	76,2	18 700	50,8	78,2	16 300	50,0
52,0	29,2	69,0	19 800	39,2	73,8	17 500	47,1	76,4	15 300	52,0
54,0	22,7	64,7	18 700	34,5	71,1	16 500	43,2	74,4	14 400	54,0
56,0	13,3	58,2	17 500	29,2	67,7	15 600	38,9	72,0	13 500	56,0
58,0				22,7	63,4	14 600	34,2	69,2	12 700	58,0
60,0							28,8	65,8	11 900	60,0
62,0							22,3	61,4	11 200	62,0
64,0							12,5	54,5	10 400	64,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

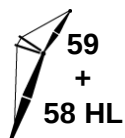


48,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
18,3	74,8	97,1	87 900 *b							18,3
20,0	72,7	96,6	83 300 *							20,0
22,0	70,2	95,9	78 200 *							22,0
24,0	67,6	95,1	71 800	69,8	95,6	69 200				24,0
26,0	65,0	94,2	64 400	67,2	94,8	62 200				26,0
28,0	62,3	93,1	58 400	64,5	93,9	56 400				28,0
30,0	59,5	92,0	53 300	61,8	92,8	51 500				30,0
32,0	56,7	90,7	49 000	59,1	91,6	47 300	64,8	93,3	43 000	32,0
34,0	53,7	89,2	45 200	56,2	90,3	43 600	62,1	92,3	39 600	34,0
36,0	50,7	87,7	41 900	53,3	88,9	40 400	59,3	91,1	36 600	36,0
38,0	47,5	85,8	39 000	50,2	87,2	37 600	56,5	89,8	34 000	38,0
40,0	44,1	83,8	36 300	46,9	85,4	35 000	53,5	88,4	31 700	40,0
42,0	40,5	81,6	34 000	43,5	83,3	32 700	50,5	86,7	29 600	42,0
44,0	36,5	79,0	31 900	39,9	81,0	30 700	47,2	84,9	27 700	44,0
46,0	32,2	75,9	29 900	35,9	78,4	28 800	43,8	82,9	26 000	46,0
48,0	27,3	72,3	28 200	31,5	75,3	27 100	40,2	80,6	24 400	48,0
50,0	21,2	67,7	26 500	26,4	71,5	25 500	36,3	78,0	23 000	50,0
52,0				20,1	66,6	24 000	31,9	74,9	21 700	52,0
54,0							26,9	71,2	20 400	54,0
56,0							20,8	66,5	19 300	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

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

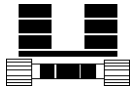
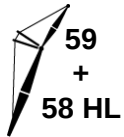


48,0 m

	75°			70°			65°			
	m	o	m	kg	o	m	kg	o	m	kg
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										38,0
40,0	59,5	90,2	28 400							40,0
42,0	56,6	88,9	26 500							42,0
44,0	53,7	87,5	24 700							44,0
46,0	50,6	85,8	23 200	56,7	87,6	20 400				46,0
48,0	47,4	84,1	21 700	53,7	86,1	19 100				48,0
50,0	44,0	82,0	20 400	50,6	84,5	17 900				50,0
52,0	40,4	79,8	19 300	47,4	82,7	16 900				52,0
54,0	36,5	77,2	18 100	44,1	80,7	15 800	50,5	82,7	13 600	54,0
56,0	32,2	74,1	17 100	40,4	78,4	14 900	47,2	80,9	12 800	56,0
58,0	27,2	70,5	16 100	36,5	75,8	14 000	43,8	78,9	12 000	58,0
60,0	21,1	65,8	15 200	32,2	72,8	13 200	40,2	76,6	11 200	60,0
62,0	12,4	58,8	14 300	27,2	69,2	12 400	36,3	74,0	10 500	62,0
64,0				21,2	64,5	11 700	31,9	70,9	9 900	64,0
66,0							26,9	67,2	9 200	66,0
68,0							20,7	62,5	8 700	68,0
70,0							11,6	55,1	8 100	70,0

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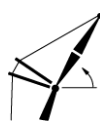
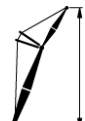
134 260 kg
+
27 220 kg



48,0 m

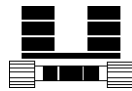
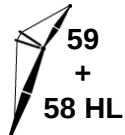


54,0 m

 m	 87°			 85°			 80°			 m
	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
19,8	74,9	102,9	78 400 *							19,8
20,0	74,7	102,9	78 000 *							20,0
22,0	72,5	102,3	74 000 *							22,0
24,0	70,2	101,6	69 900 *							24,0
26,0	67,9	100,8	63 900	69,8	101,3	61 700				26,0
28,0	65,6	99,9	58 000	67,6	100,5	55 900				28,0
30,0	63,2	98,9	52 900	65,2	99,6	51 000				30,0
32,0	60,8	97,8	48 500	62,8	98,6	46 800	67,8	99,9	42 400	32,0
34,0	58,3	96,6	44 700	60,4	97,4	43 100	65,4	99,0	39 000	34,0
36,0	55,8	95,2	41 400	57,9	96,2	39 900	63,1	98,0	36 100	36,0
38,0	53,1	93,7	38 500	55,4	94,8	37 100	60,6	96,9	33 500	38,0
40,0	50,4	92,1	35 900	52,7	93,3	34 600	58,2	95,7	31 100	40,0
42,0	47,5	90,3	33 600	50,0	91,7	32 300	55,6	94,3	29 100	42,0
44,0	44,6	88,3	31 400	47,1	89,9	30 200	53,0	92,9	27 200	44,0
46,0	41,4	86,1	29 500	44,1	87,9	28 400	50,2	91,2	25 500	46,0
48,0	38,0	83,7	27 800	40,9	85,6	26 700	47,4	89,4	23 900	48,0
50,0	34,3	80,8	26 200	37,5	83,1	25 100	44,4	87,4	22 500	50,0
52,0	30,3	77,6	24 700	33,7	80,2	23 700	41,2	85,2	21 200	52,0
54,0	25,6	73,7	23 300	29,6	76,8	22 400	37,8	82,7	20 000	54,0
56,0	19,9	68,7	22 100	24,8	72,8	21 100	34,1	79,8	18 900	56,0
58,0				18,9	67,6	20 000	30,0	76,6	17 800	58,0
60,0							25,3	72,6	16 800	60,0
62,0							19,5	67,5	15 900	62,0
64,0							11,0	59,7	15 000	64,0
66,0										66,0
68,0										68,0
70,0										70,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

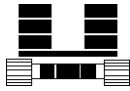
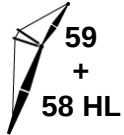


54,0 m

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

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

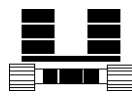
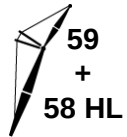


60,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
21,3	74,9	108,7	66 700 *							21,3
22,0	74,3	108,6	66 500 *							22,0
24,0	72,3	107,9	65 600 *							24,0
26,0	70,2	107,2	62 500	71,9	107,7	61 100				26,0
28,0	68,2	106,4	57 500	69,9	106,9	55 300				28,0
30,0	66,1	105,6	52 300	67,9	106,1	50 400				30,0
32,0	64,0	104,6	48 000	65,8	105,3	46 200				32,0
34,0	61,8	103,5	44 200	63,6	104,3	42 500				34,0
36,0	59,6	102,4	40 900	61,5	103,2	39 400	66,0	104,7	35 400	36,0
38,0	57,4	101,1	38 000	59,3	102,0	36 500	63,8	103,7	32 800	38,0
40,0	55,0	99,7	35 400	57,0	100,7	34 000	61,7	102,7	30 500	40,0
42,0	52,6	98,2	33 000	54,7	99,4	31 700	59,5	101,5	28 400	42,0
44,0	50,2	96,6	30 900	52,3	97,8	29 700	57,2	100,2	26 500	44,0
46,0	47,6	94,8	29 000	49,8	96,2	27 800	54,9	98,9	24 900	46,0
48,0	44,9	92,8	27 300	47,2	94,3	26 100	52,5	97,3	23 300	48,0
50,0	42,1	90,7	25 700	44,5	92,4	24 600	50,0	95,7	21 900	50,0
52,0	39,1	88,3	24 200	41,7	90,2	23 200	47,4	93,9	20 600	52,0
54,0	36,0	85,6	22 900	38,7	87,7	21 900	44,8	91,9	19 400	54,0
56,0	32,5	82,6	21 600	35,4	85,0	20 700	41,9	89,7	18 300	56,0
58,0	28,7	79,1	20 400	31,9	81,9	19 500	38,9	87,3	17 200	58,0
60,0	24,2	74,9	19 300	28,0	78,3	18 500	35,7	84,6	16 300	60,0
62,0	18,9	69,7	18 300	23,5	74,1	17 500	32,3	81,6	15 400	62,0
64,0	11,1	61,8	17 300	17,9	68,5	16 500	28,4	78,1	14 500	64,0
66,0							23,9	73,8	13 700	66,0
68,0							18,5	68,5	13 000	68,0
70,0							10,4	60,2	12 200	70,0
72,0										72,0
74,0										74,0

16000 S-2

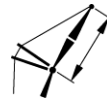
ANSI B30.5



134 260 kg
+
27 220 kg



48,0 m

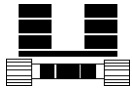
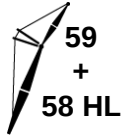


60,0 m

	75°		
	m	o	kg
21,3			
22,0			
24,0			
26,0			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0			
46,0	59,6	100,6	21 900
48,0	57,3	99,3	20 500
50,0	55,0	97,9	19 200
52,0	52,6	96,4	18 000
54,0	50,1	94,8	16 900
56,0	47,6	93,0	15 900
58,0	44,9	91,0	15 000
60,0	42,1	88,9	14 100
62,0	39,1	86,5	13 300
64,0	35,9	83,8	12 500
66,0	32,5	80,8	11 800
68,0	28,6	77,3	11 100
70,0	24,2	73,1	10 500
72,0	18,8	67,8	9 800
74,0	11,0	59,9	9 200

16000 S-2

ANSI B30.5



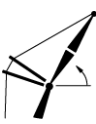
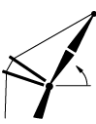
134 260 kg
+
27 220 kg



48,0 m



66,0 m

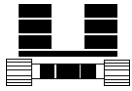
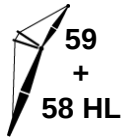
	 87°			 85°			 80°				
	 m	 o	 m	kg	 o	 m	kg	 o	 m		kg
22,9	75,0	114,6	56 600 *								22,9
24,0	73,9	114,2	56 300 *								24,0
26,0	72,1	113,6	55 900 *								26,0
28,0	70,3	112,9	55 200	71,8	113,3	54 100					28,0
30,0	68,4	112,1	52 100	70,0	112,6	49 900					30,0
32,0	66,5	111,2	47 400	68,1	111,8	45 600					32,0
34,0	64,6	110,3	43 600	66,2	110,9	42 000					34,0
36,0	62,6	109,3	40 300	64,3	110,0	38 800					36,0
38,0	60,7	108,2	37 400	62,3	109,0	35 900	66,4	110,4	32 100		38,0
40,0	58,6	107,0	34 800	60,3	107,8	33 400	64,5	109,4	29 800		40,0
42,0	56,6	105,7	32 500	58,3	106,6	31 100	62,5	108,4	27 800		42,0
44,0	54,4	104,2	30 400	56,2	105,3	29 100	60,5	107,3	25 900		44,0
46,0	52,3	102,7	28 500	54,1	103,9	27 200	58,5	106,1	24 200		46,0
48,0	50,0	101,1	26 800	51,9	102,3	25 600	56,4	104,8	22 700		48,0
50,0	47,7	99,3	25 200	49,6	100,7	24 000	54,3	103,4	21 300		50,0
52,0	45,2	97,3	23 700	47,3	98,8	22 600	52,1	101,8	20 000		52,0
54,0	42,7	95,2	22 300	44,9	96,9	21 300	49,8	100,2	18 800		54,0
56,0	40,1	92,9	21 100	42,3	94,7	20 100	47,5	98,4	17 700		56,0
58,0	37,2	90,3	19 900	39,6	92,3	19 000	45,1	96,4	16 600		58,0
60,0	34,2	87,5	18 800	36,8	89,7	17 900	42,5	94,3	15 700		60,0
62,0	30,9	84,2	17 800	33,7	86,8	17 000	39,9	91,9	14 800		62,0
64,0	27,3	80,6	16 900	30,4	83,6	16 100	37,0	89,4	14 000		64,0
66,0	23,1	76,2	16 000	26,6	79,8	15 200	34,0	86,5	13 200		66,0
68,0	18,0	70,6	15 100	22,3	75,2	14 400	30,7	83,2	12 400		68,0
70,0	10,5	62,3	14 300	17,0	69,4	13 600	27,0	79,5	11 700		70,0
72,0							22,8	75,1	11 100		72,0
74,0							17,6	69,4	10 400		74,0
76,0							9,8	60,7	9 800		76,0



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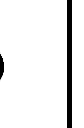
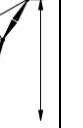
134 260 kg
+
27 220 kg



48,0 m

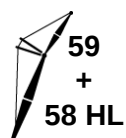


72,0 m

	87°			85°			80°			
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m
24,4	75,0	120,3	48 300 *							24,4
26,0	73,6	119,9	47 900 *							26,0
28,0	72,0	119,2	47 500 *							28,0
30,0	70,3	118,5	47 000 *	71,7	119,0	46 700 *				30,0
32,0	68,6	117,7	46 600 *	70,0	118,3	45 000				32,0
34,0	66,9	116,9	43 100	68,3	117,5	41 300				34,0
36,0	65,1	116,0	39 700	66,6	116,6	38 100				36,0
38,0	63,3	115,0	36 800	64,8	115,7	35 300				38,0
40,0	61,5	113,9	34 200	63,0	114,7	32 800	66,7	116,1	29 100	40,0
42,0	59,7	112,8	31 900	61,2	113,6	30 500	65,0	115,2	27 100	42,0
44,0	57,8	111,5	29 800	59,4	112,4	28 500	63,2	114,2	25 200	44,0
46,0	55,9	110,2	27 900	57,5	111,2	26 600	61,4	113,1	23 500	46,0
48,0	53,9	108,7	26 200	55,6	109,8	25 000	59,6	111,9	22 000	48,0
50,0	51,9	107,2	24 600	53,6	108,4	23 400	57,7	110,7	20 600	50,0
52,0	49,8	105,5	23 100	51,6	106,8	22 000	55,8	109,3	19 300	52,0
54,0	47,7	103,7	21 800	49,5	105,1	20 700	53,8	107,9	18 100	54,0
56,0	45,5	101,8	20 500	47,4	103,3	19 500	51,8	106,3	17 000	56,0
58,0	43,2	99,7	19 400	45,1	101,3	18 400	49,7	104,6	16 000	58,0
60,0	40,8	97,4	18 300	42,8	99,2	17 400	47,6	102,8	15 000	60,0
62,0	38,3	95,0	17 300	40,4	96,9	16 400	45,3	100,9	14 200	62,0
64,0	35,6	92,2	16 400	37,8	94,4	15 500	43,0	98,8	13 300	64,0
66,0	32,7	89,2	15 500	35,1	91,6	14 600	40,6	96,5	12 600	66,0
68,0	29,5	85,8	14 600	32,2	88,6	13 800	38,1	94,0	11 800	68,0
70,0	26,1	81,9	13 900	29,0	85,1	13 100	35,4	91,3	11 100	70,0
72,0	22,0	77,3	13 100	25,5	81,1	12 300	32,5	88,2	10 500	72,0
74,0	17,2	71,5	12 400	21,4	76,3	11 700	29,3	84,8	9 900	74,0
76,0	10,1	62,8	11 700	16,2	70,2	11 000	25,8	80,9	9 300	76,0
80,0							16,8	70,3	8 100	80,0



REFERENCE
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134 260 kg
+
27 220 kg



48,0 m

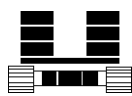
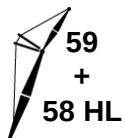


78,0 m

	87°			85°		
						
m	°	m	kg	°	m	kg
27,4	73,8	125,7	41 300 *			
28,0	73,4	125,5	41 200 *			
30,0	71,9	124,9	40 800 *			
32,0	70,3	124,2	40 500 *	71,6	124,6	40 300 *
34,0	68,7	123,4	40 100 *	70,1	123,9	39 800
36,0	67,1	122,6	39 100	68,5	123,1	37 800
38,0	65,5	121,7	36 400	66,9	122,3	34 700
40,0	63,9	120,7	33 700	65,3	121,4	32 300
42,0	62,2	119,7	31 400	63,6	120,4	30 000
44,0	60,6	118,6	29 300	62,0	119,3	27 900
46,0	58,8	117,4	27 400	60,3	118,2	26 100
48,0	57,1	116,1	25 700	58,6	117,0	24 400
50,0	55,3	114,7	24 100	56,8	115,7	22 900
52,0	53,5	113,2	22 600	55,0	114,3	21 500
54,0	51,6	111,7	21 300	53,2	112,9	20 200
56,0	49,7	110,0	20 000	51,3	111,3	19 000
58,0	47,7	108,2	18 900	49,4	109,6	17 900
60,0	45,7	106,3	17 800	47,4	107,8	16 900
62,0	43,6	104,2	16 800	45,4	105,8	15 900
64,0	41,4	102,0	15 900	43,3	103,7	15 000
66,0	39,1	99,6	15 000	41,0	101,5	14 100
68,0	36,7	97,0	14 200	38,7	99,1	13 400
70,0	34,1	94,1	13 400	36,3	96,4	12 600
72,0	31,3	90,9	12 600	33,7	93,5	11 900
74,0	28,3	87,3	12 000	30,9	90,2	11 200
76,0	25,0	83,3	11 300	27,8	86,6	10 600
80,0	16,5	72,3	10 100	20,5	77,4	9 400



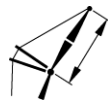
REFERENCE
ONLY!



134 260 kg
+
27 220 kg



48,0 m



84,0 m

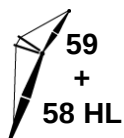
 87°			
 m	 o	 m	 kg
29,0	73,9	131,5	35 400 *
30,0	73,2	131,2	35 200 *
32,0	71,8	130,6	34 900 *
34,0	70,3	129,8	34 500 *
36,0	68,9	129,1	34 200 *
38,0	67,4	128,2	33 800 *
40,0	65,9	127,4	33 200
42,0	64,4	126,4	30 800
44,0	62,9	125,4	28 700
46,0	61,3	124,3	26 800
48,0	59,7	123,2	25 100
50,0	58,1	121,9	23 500
52,0	56,5	120,6	22 000
54,0	54,8	119,2	20 700
56,0	53,1	117,7	19 500
58,0	51,4	116,2	18 300
60,0	49,6	114,5	17 200
62,0	47,8	112,7	16 200
64,0	45,9	110,8	15 300
66,0	43,9	108,7	14 500
68,0	41,9	106,6	13 600
70,0	39,8	104,2	12 800
72,0	37,6	101,7	12 100
74,0	35,3	98,9	11 400
76,0	32,8	95,9	10 800
80,0	27,3	88,8	9 600
84,0	20,4	79,5	8 400
88,0	9,3	63,8	6 600 *



REFERENCE
ONLY!

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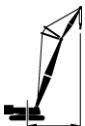
134 260 kg
+
27 220 kg



54,0 m

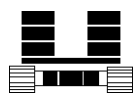
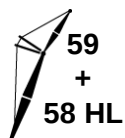


24,0 m

	 87°			 85°			 80°			
										
m	o	m	kg	o	m	kg	o	m	kg	m
13,7	71,3	79,5	118 900 *d							13,7
14,0	70,6	79,4	117 400 *d							14,0
16,0	65,4	78,5	107 000 *b	70,3	79,2	110 000 *d				16,0
18,0	59,9	77,4	97 800 *b	65,1	78,3	100 600 *b				18,0
20,0	54,1	76,0	89 600 *	59,6	77,2	89 300 b				20,0
22,0	47,8	74,2	81 700	53,8	75,7	78 800 b				22,0
24,0	40,7	72,1	72 800	47,4	74,0	70 300	61,6	76,9	64 300 b	24,0
26,0	32,3	69,2	65 600	40,3	71,8	63 400	55,9	75,6	57 900 b	26,0
28,0	20,8	64,8	59 400	31,8	68,8	57 500	49,7	73,9	52 500	28,0
30,0				20,0	64,3	52 400	42,9	71,9	48 000	30,0
32,0							35,0	69,2	44 000	32,0
34,0							24,8	65,5	40 600	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

16000 S-2

ANSI B30.5



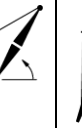
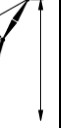
134 260 kg
+
27 220 kg



54,0 m

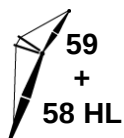


24,0 m

	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										28,0
30,0	57,7	74,9	43 400 b							30,0
32,0	51,7	73,4	39 800							32,0
34,0	45,1	71,5	36 700							34,0
36,0	37,6	69,1	34 000	53,2	72,3	30 400				36,0
38,0	28,3	65,7	31 500	46,8	70,5	28 200				38,0
40,0				39,6	68,2	26 200				40,0
42,0				30,9	65,2	24 400	48,0	69,0	21 500	42,0
44,0				18,6	60,5	22 700	41,0	66,8	20 100	44,0
46,0							32,6	63,9	18 700	46,0
48,0							21,4	59,7	17 500	48,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

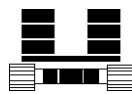
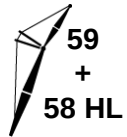


30,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
15,2	72,1	85,3	105 300 *c							15,2
16,0	70,6	85,0	102 200 *c							16,0
18,0	66,4	84,2	94 100 *b	70,4	84,8	96 300 *b				18,0
20,0	62,1	83,2	86 900 *b	66,2	84,0	88 800 b				20,0
22,0	57,7	81,9	80 300	61,9	82,9	78 500 b				22,0
24,0	52,9	80,5	72 800	57,4	81,7	70 100				24,0
26,0	47,9	78,7	65 500	52,7	80,2	63 200	63,4	82,6	57 400 b	26,0
28,0	42,3	76,6	59 500	47,6	78,5	57 400	59,0	81,5	52 200	28,0
30,0	36,1	74,0	54 400	42,0	76,3	52 400	54,4	80,1	47 700	30,0
32,0	28,6	70,7	49 900	35,7	73,7	48 200	49,4	78,4	43 800	32,0
34,0	18,4	65,7	46 100	28,2	70,3	44 500	44,0	76,4	40 400	34,0
36,0				17,7	65,2	41 200	38,0	74,0	37 400	36,0
38,0							31,0	70,9	34 800	38,0
40,0							21,9	66,6	32 400	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

16000 S-2

ANSI B30.5



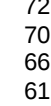
134 260 kg
+
27 220 kg



54,0 m

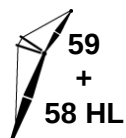


30,0 m

	75°			70°			65°			
										
	m	o	m	kg	o	m	kg	o	m	kg
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	60,4		80,7	39 300						32,0
34,0	55,8		79,4	36 300						34,0
36,0	51,0		77,8	33 600						36,0
38,0	45,7		76,0	31 200						38,0
40,0	40,0		73,7	29 100	52,2	76,8	25 700			40,0
42,0	33,3		70,9	27 200	47,1	75,0	24 000			42,0
44,0	25,1		67,1	25 400	41,5	72,8	22 500			44,0
46,0					35,1	70,2	21 000	48,1	73,4	18 300
48,0					27,4	66,7	19 700	42,6	71,3	17 100
50,0					16,5	61,3	18 400	36,3	68,8	16 000
52,0								29,0	65,5	15 000
54,0								18,9	60,6	14 000

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

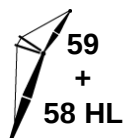


36,0 m

	 87°				 85°				 80°				
 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	 m			
16,8	72,7	91,1	93 100 *b								16,8		
18,0	70,6	90,7	89 000 *b								18,0		
20,0	67,1	89,9	82 800 *b	70,4	90,5	84 400 *b					20,0		
22,0	63,6	88,9	77 100 *	66,9	89,7	77 900 b					22,0		
24,0	59,9	87,8	71 800	63,4	88,7	69 600					24,0		
26,0	56,1	86,5	65 100	59,7	87,5	62 700					26,0		
28,0	52,1	84,9	59 100	55,9	86,2	56 900	64,7	88,3	51 500		28,0		
30,0	47,9	83,2	54 000	51,9	84,7	52 000	61,0	87,3	47 000		30,0		
32,0	43,4	81,2	49 700	47,7	82,9	47 800	57,3	86,0	43 200		32,0		
34,0	38,4	78,7	45 900	43,1	80,9	44 200	53,4	84,6	39 800		34,0		
36,0	32,7	75,8	42 500	38,1	78,4	40 900	49,2	82,9	36 900		36,0		
38,0	25,9	72,1	39 600	32,4	75,5	38 000	44,8	80,9	34 300		38,0		
40,0	16,6	66,6	36 800	25,5	71,7	35 500	39,9	78,6	32 000		40,0		
42,0				16,0	66,0	33 100	34,5	75,9	29 900		42,0		
44,0							28,1	72,4	28 000		44,0		
46,0							19,9	67,7	26 200		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		

16000 S-2

ANSI B30.5



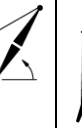
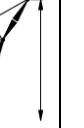
134 260 kg
+
27 220 kg



54,0 m

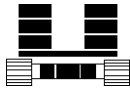
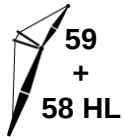


36,0 m

	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										32,0
34,0										34,0
36,0	58,5	85,3	32 900							36,0
38,0	54,6	83,9	30 500							38,0
40,0	50,5	82,3	28 400							40,0
42,0	46,2	80,5	26 600	55,6	82,8	23 300				42,0
44,0	41,5	78,3	24 800	51,6	81,2	21 700				44,0
46,0	36,2	75,7	23 300	47,3	79,5	20 400				46,0
48,0	30,2	72,5	21 900	42,7	77,4	19 100				48,0
50,0	22,8	68,2	20 500	37,6	74,9	17 900	48,1	77,9	15 300	50,0
52,0				31,9	71,9	16 800	43,6	75,9	14 300	52,0
54,0				24,9	68,0	15 800	38,6	73,5	13 400	54,0
56,0				14,9	62,0	14 800	33,0	70,6	12 600	56,0
58,0							26,3	66,9	11 800	58,0
60,0							17,1	61,5	11 000	60,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

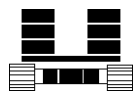
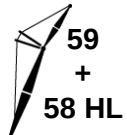


42,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
18,3	73,0	96,9	83 500 *b							18,3
20,0	70,6	96,4	78 900 *b							20,0
22,0	67,6	95,6	73 900 *	70,4	96,2	75 200 *b				22,0
24,0	64,6	94,6	69 300 *	67,5	95,3	69 200				24,0
26,0	61,5	93,6	64 700	64,5	94,4	62 300				26,0
28,0	58,3	92,3	58 700	61,4	93,3	56 500				28,0
30,0	55,0	91,0	53 700	58,2	92,1	51 600	65,5	94,1	46 500	30,0
32,0	51,6	89,4	49 300	54,9	90,7	47 400	62,5	93,0	42 600	32,0
34,0	48,0	87,7	45 600	51,4	89,2	43 800	59,3	91,9	39 300	34,0
36,0	44,1	85,7	42 200	47,8	87,4	40 600	56,0	90,5	36 400	36,0
38,0	39,9	83,4	39 300	43,9	85,4	37 700	52,6	89,1	33 800	38,0
40,0	35,3	80,7	36 700	39,7	83,1	35 200	49,1	87,3	31 500	40,0
42,0	30,1	77,4	34 300	35,1	80,3	32 900	45,3	85,4	29 500	42,0
44,0	23,9	73,3	32 100	29,8	77,1	30 800	41,2	83,2	27 600	44,0
46,0	15,3	67,3	30 200	23,5	72,9	28 900	36,8	80,7	25 900	46,0
48,0				14,7	66,8	27 200	31,8	77,6	24 300	48,0
50,0							25,9	73,8	22 900	50,0
52,0							18,3	68,6	21 600	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

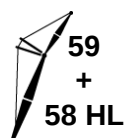


42,0 m

	75°			70°		
m	o	m	kg	o	m	kg
18,3						
20,0						
22,0						
24,0						
26,0						
28,0						
30,0						
32,0						
34,0						
36,0						
38,0	60,3	91,1	30 000			
40,0	57,1	89,9	27 900			
42,0	53,7	88,4	26 000			
44,0	50,2	86,8	24 300			
46,0	46,5	84,9	22 800	54,6	87,3	19 800
48,0	42,5	82,8	21 400	51,1	85,7	18 500
50,0	38,2	80,4	20 100	47,4	83,9	17 300
52,0	33,4	77,5	18 900	43,5	81,9	16 300
54,0	27,9	74,0	17 800	39,3	79,5	15 300
56,0	21,0	69,3	16 800	34,7	76,8	14 400
58,0				29,4	73,4	13 600
60,0				22,9	69,2	12 700
62,0				13,7	62,7	11 900

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

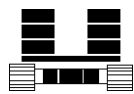
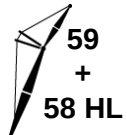


48,0 m

	87°			85°			80°			
	m	o	m	kg	o	m	kg	o	m	kg
19,8	73,3	102,8	75 000 *							19,8
20,0	73,1	102,7	74 600 *							20,0
22,0	70,6	102,0	70 300 *							22,0
24,0	68,0	101,2	66 200 *	70,4	101,8	67 200 *				24,0
26,0	65,4	100,3	62 400	67,9	101,0	61 700				26,0
28,0	62,7	99,3	58 400	65,2	100,1	55 900				28,0
30,0	60,0	98,2	53 200	62,6	99,1	51 000				30,0
32,0	57,1	96,9	48 800	59,8	97,9	46 900	66,2	99,7	41 900	32,0
34,0	54,2	95,5	45 100	57,0	96,7	43 200	63,5	98,7	38 600	34,0
36,0	51,2	93,9	41 700	54,0	95,2	40 000	60,8	97,7	35 700	36,0
38,0	48,0	92,1	38 800	51,0	93,7	37 200	58,0	96,4	33 200	38,0
40,0	44,6	90,2	36 200	47,8	91,9	34 700	55,1	95,1	30 900	40,0
42,0	41,1	87,9	33 900	44,4	89,9	32 400	52,1	93,5	28 900	42,0
44,0	37,2	85,4	31 800	40,9	87,7	30 400	48,9	91,8	27 000	44,0
46,0	32,9	82,4	29 800	37,0	85,1	28 500	45,6	89,9	25 300	46,0
48,0	28,1	78,9	28 100	32,7	82,1	26 800	42,1	87,8	23 800	48,0
50,0	22,3	74,5	26 400	27,8	78,5	25 300	38,4	85,3	22 400	50,0
52,0				21,9	74,0	23 800	34,2	82,5	21 100	52,0
54,0				13,7	67,4	22 400	29,6	79,2	19 900	54,0
56,0							24,1	75,1	18 700	56,0
58,0							17,0	69,5	17 700	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0

16000 S-2

ANSI B30.5



134 260 kg
+
27 220 kg



54,0 m

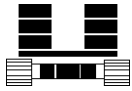
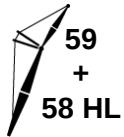


48,0 m

	75°			70°		
m	o	m	kg	o	m	kg
19,8						
20,0						
22,0						
24,0						
26,0						
28,0						
30,0						
32,0						
34,0						
36,0						
38,0						
40,0	61,6	96,9	27 100			
42,0	58,9	95,7	25 300			
44,0	56,0	94,4	23 600			
46,0	53,0	92,9	22 100			
48,0	49,9	91,3	20 700	56,7	93,2	17 700
50,0	46,7	89,4	19 500	53,8	91,8	16 600
52,0	43,3	87,4	18 300	50,7	90,2	15 600
54,0	39,6	85,0	17 200	47,5	88,4	14 600
56,0	35,6	82,3	16 200	44,1	86,4	13 700
58,0	31,1	79,2	15 300	40,5	84,1	12 900
60,0	26,0	75,3	14 400	36,6	81,5	12 100
62,0	19,5	70,3	13 600	32,3	78,5	11 400
64,0	9,3	62,0	12 700	27,4	74,9	10 700
66,0				21,3	70,3	10 000
68,0				12,7	63,3	9 300

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134 260 kg
+
27 220 kg

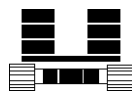
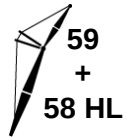


54,0 m



54,0 m

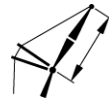
	 87°			 85°			 80°				
	 m	 o	 m	kg	 o	 m	kg	 o	 m		kg
21,3	73,5	108,6	67 700 *								21,3
22,0	72,8	108,4	66 500 *								22,0
24,0	70,6	107,7	63 000 *								24,0
26,0	68,3	106,9	59 600 *	70,4	107,5	60 300					26,0
28,0	66,0	106,0	56 400 *	68,2	106,7	55 500					28,0
30,0	63,6	105,0	52 800	65,8	105,8	50 500					30,0
32,0	61,2	103,9	48 400	63,5	104,8	46 400					32,0
34,0	58,7	102,7	44 600	61,1	103,7	42 700	66,7	105,4	38 100		34,0
36,0	56,2	101,4	41 300	58,6	102,5	39 500	64,3	104,5	35 200		36,0
38,0	53,6	100,0	38 400	56,0	101,2	36 700	61,9	103,4	32 600		38,0
40,0	50,8	98,4	35 800	53,4	99,7	34 200	59,5	102,2	30 300		40,0
42,0	48,0	96,6	33 400	50,7	98,1	32 000	56,9	101,0	28 300		42,0
44,0	45,0	94,7	31 300	47,9	96,3	29 900	54,3	99,6	26 500		44,0
46,0	41,9	92,5	29 400	44,9	94,4	28 100	51,7	98,0	24 800		46,0
48,0	38,6	90,1	27 700	41,7	92,2	26 400	48,9	96,3	23 300		48,0
50,0	34,9	87,3	26 100	38,4	89,7	24 900	45,9	94,4	21 900		50,0
52,0	31,0	84,1	24 600	34,7	87,0	23 500	42,9	92,3	20 600		52,0
54,0	26,4	80,3	23 200	30,7	83,8	22 200	39,6	89,9	19 400		54,0
56,0	20,9	75,6	22 000	26,1	79,9	20 900	36,1	87,3	18 300		56,0
58,0				20,6	75,1	19 800	32,2	84,2	17 300		58,0
60,0				12,9	68,1	18 700	27,8	80,7	16 300		60,0
62,0							22,7	76,3	15 400		62,0
64,0							16,0	70,3	14 600		64,0
66,0											66,0
68,0											68,0
70,0											70,0



134 260 kg
+
27 220 kg



54,0 m

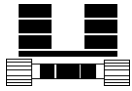
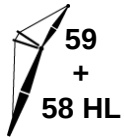


54,0 m

	75°		
	m	o	kg
21,3			
22,0			
24,0			
26,0			
28,0			
30,0			
32,0			
34,0			
36,0			
38,0			
40,0			
42,0			
44,0	60,2	101,5	23 000
46,0	57,7	100,3	21 500
48,0	55,2	98,9	20 100
50,0	52,5	97,4	18 900
52,0	49,7	95,7	17 700
54,0	46,9	93,9	16 700
56,0	43,8	91,9	15 700
58,0	40,6	89,6	14 800
60,0	37,2	87,1	13 900
62,0	33,4	84,1	13 100
64,0	29,3	80,7	12 300
66,0	24,4	76,6	11 600
68,0	18,4	71,3	11 000
70,0	8,7	62,4	10 200

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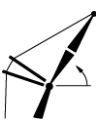
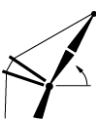
134 260 kg
+
27 220 kg

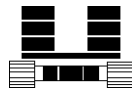
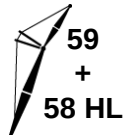


54,0 m



60,0 m

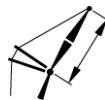
	 87°				 85°			 80°			
	 m	 o	 m	 kg	 o	 m	 kg	 o	 m	 kg	
22,9	73,7	114,4	58 500 *								22,9
24,0	72,6	114,0	58 200 *								24,0
26,0	70,6	113,3	56 000 *	72,5	113,8	56 600 *					26,0
28,0	68,5	112,6	53 200 *	70,4	113,1	53 800					28,0
30,0	66,4	111,7	50 600 *	68,4	112,3	50 100					30,0
32,0	64,3	110,7	47 800	66,3	111,5	45 800					32,0
34,0	62,2	109,7	44 100	64,2	110,5	42 100					34,0
36,0	60,0	108,6	40 700	62,0	109,5	38 900					36,0
38,0	57,7	107,3	37 800	59,8	108,3	36 100	64,9	110,2	31 900		38,0
40,0	55,4	105,9	35 200	57,6	107,1	33 700	62,8	109,2	29 700		40,0
42,0	53,0	104,5	32 900	55,3	105,7	31 400	60,6	108,0	27 600		42,0
44,0	50,6	102,8	30 800	52,9	104,2	29 400	58,4	106,8	25 800		44,0
46,0	48,0	101,1	28 900	50,4	102,6	27 600	56,1	105,5	24 100		46,0
48,0	45,4	99,2	27 200	47,9	100,8	25 900	53,7	104,1	22 600		48,0
50,0	42,6	97,0	25 600	45,2	98,9	24 300	51,3	102,5	21 200		50,0
52,0	39,6	94,7	24 100	42,4	96,7	22 900	48,8	100,8	20 000		52,0
54,0	36,5	92,0	22 800	39,5	94,4	21 600	46,2	98,9	18 800		54,0
56,0	33,1	89,1	21 500	36,3	91,7	20 400	43,4	96,8	17 700		56,0
58,0	29,3	85,7	20 400	32,9	88,7	19 300	40,5	94,5	16 700		58,0
60,0	25,0	81,6	19 200	29,1	85,3	18 300	37,4	92,0	15 800		60,0
62,0	19,8	76,6	18 200	24,7	81,2	17 300	34,1	89,1	14 900		62,0
64,0	12,6	69,4	17 200	19,5	76,1	16 300	30,5	85,9	14 100		64,0
66,0				12,1	68,7	15 400	26,3	82,1	13 200		66,0
68,0							21,5	77,4	12 500		68,0
70,0							15,1	71,1	11 800		70,0
72,0											72,0
74,0											74,0
76,0											76,0



134 260 kg
+
27 220 kg



54,0 m

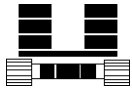
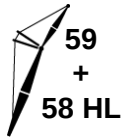


60,0 m

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

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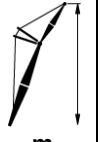
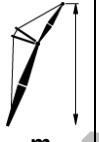
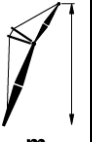
134 260 kg
+
27 220 kg



54,0 m



66,0 m

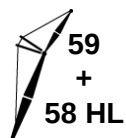
	87°			85°			80°			
 m	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
24,4	73,9	120,2	50 500 *							24,4
26,0	72,4	119,7	50 100 *							26,0
28,0	70,6	119,0	49 500 *	72,3	119,5	49 500 *				28,0
30,0	68,7	118,2	48 100 *	70,5	118,8	48 500 *				30,0
32,0	66,8	117,4	45 900 *	68,6	118,0	45 200				32,0
34,0	64,9	116,4	43 600	66,7	117,2	41 500				34,0
36,0	63,0	115,4	40 200	64,8	116,2	38 400				36,0
38,0	61,0	114,3	37 300	62,8	115,2	35 600				38,0
40,0	59,0	113,2	34 700	60,9	114,1	33 100	65,5	115,9	29 000	40,0
42,0	56,9	111,9	32 400	58,8	112,9	30 800	63,5	114,9	27 000	42,0
44,0	54,8	110,5	30 300	56,8	111,6	28 800	61,6	113,8	25 200	44,0
46,0	52,6	109,0	28 400	54,7	110,2	27 000	59,6	112,7	23 500	46,0
48,0	50,4	107,3	26 600	52,5	108,7	25 300	57,5	111,4	22 000	48,0
50,0	48,0	105,6	25 000	50,2	107,1	23 700	55,4	110,0	20 600	50,0
52,0	45,6	103,6	23 600	47,9	105,3	22 400	53,3	108,6	19 300	52,0
54,0	43,1	101,6	22 200	45,5	103,4	21 100	51,0	107,0	18 200	54,0
56,0	40,5	99,2	21 000	43,0	101,3	19 900	48,7	105,2	17 100	56,0
58,0	37,7	96,7	19 900	40,3	99,0	18 800	46,4	103,4	16 100	58,0
60,0	34,7	93,9	18 800	37,5	96,4	17 700	43,9	101,3	15 200	60,0
62,0	31,5	90,8	17 700	34,5	93,6	16 800	41,3	99,1	14 300	62,0
64,0	27,9	87,2	16 800	31,3	90,4	15 900	38,5	96,6	13 500	64,0
66,0	23,8	82,9	15 900	27,7	86,8	15 000	35,6	93,9	12 700	66,0
68,0	18,8	77,6	15 100	23,5	82,5	14 200	32,4	90,9	11 900	68,0
70,0	12,0	70,0	14 200	18,6	77,1	13 400	29,0	87,4	11 300	70,0
72,0				11,6	69,3	12 600	25,1	83,4	10 600	72,0
74,0							20,4	78,4	10 000	74,0
76,0							14,4	71,8	9 400	76,0



REFERENCE
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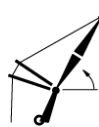
134 260 kg
+
27 220 kg



54,0 m



72,0 m

	87°			85°		
 m	 m	 m	 kg	 m	 m	 kg
25,9	74,0	126,0	43 500 *			
26,0	73,9	126,0	43 500 *			
28,0	72,2	125,3	43 100 *			
30,0	70,6	124,6	42 600 *			
32,0	68,8	123,9	42 000 *	70,5	124,4	42 200 *
34,0	67,1	123,0	40 600 *	68,8	123,7	41 200
36,0	65,4	122,1	39 200	67,0	122,8	37 700
38,0	63,6	121,2	36 700	65,3	121,9	34 900
40,0	61,8	120,1	34 100	63,5	120,9	32 400
42,0	60,0	118,9	31 800	61,7	119,9	30 200
44,0	58,1	117,7	29 700	59,9	118,7	28 200
46,0	56,2	116,4	27 800	58,0	117,5	26 300
48,0	54,2	115,0	26 000	56,1	116,2	24 700
50,0	52,2	113,4	24 400	54,1	114,7	23 200
52,0	50,2	111,8	23 000	52,1	113,2	21 700
54,0	48,1	110,0	21 700	50,1	111,6	20 500
56,0	45,9	108,1	20 400	47,9	109,8	19 300
58,0	43,6	106,1	19 300	45,7	107,8	18 200
60,0	41,2	103,8	18 200	43,4	105,8	17 100
62,0	38,7	101,4	17 200	41,0	103,5	16 200
64,0	36,0	98,7	16 300	38,5	101,1	15 300
66,0	33,1	95,7	15 400	35,8	98,4	14 500
68,0	30,1	92,4	14 600	33,0	95,4	13 600
70,0	26,6	88,6	13 800	29,9	92,0	12 900
72,0	22,7	84,1	13 100	26,4	88,2	12 200
74,0	18,0	78,5	12 300	22,5	83,7	11 500
76,0	11,5	70,6	11 600	17,7	78,0	10 900