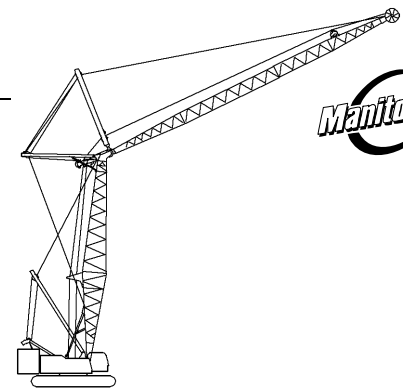




Liftcrane Boom Capacities With Luffing Jib Attached

Boom No. 76
Luffing Jib No. 135
76 200 kg Crane Counterweight
24 040 kg Carbody Counterweight
360 Degree Rating



14000 SERIES 2



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

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Weight of luffing jib and 1 280 kg suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and bearing turntable level within a tolerance of 13 mm in 3 m, and properly supported. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. A18387**, Wire Rope Specification chart **No. 8822-A**, Luffing Jib Raising Procedure chart **No. 8799-A**, and Wind Conditions chart **No. 8790-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. 8809-A**.

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

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

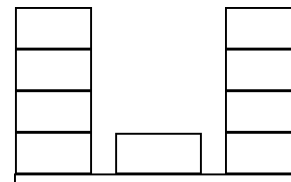
BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 8 280 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 8 230 mm live mast, 20 part boom hoist reeving, boom support straps, 8 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 200 kg crane counterweight, and two 12 020 kg carbody counterweights.

Consult Chart **No. 8804-AM** for main luffing jib capacities.

Fixed jib No. 138 must be removed before use of this chart.

Luffing Jib Position During Operation	
Luffing Jib Length Meter	Boom-to-Luffing Jib Angle Degrees
21,3	140
24,3 - 27,4	150
30,5 - 36,6	160
39,6 - 51,8	168

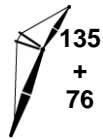


76 200 kg Crane Counterweight
8 Side Boxes - 1 Center Box

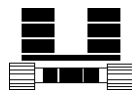
Boom Catwalks Deduct

Deduct 200 kg from capacities when boom catwalks are attached.

Explanation of Symbols



Luffing Jib No. 135
+
Boom No. 76



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Operating Radius
(see page 1)



Boom Angle
(see page 1)

Explanation of Symbols
(continued)



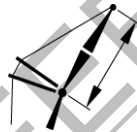
Boom Point Elevation
(see page 1)



Lifting Capacities
(see page 1)



Boom Length



Luffing Jib Length

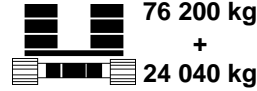
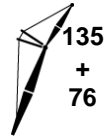


Boom-to-Luffing Jib Angle

REFERENCE ONLY!

14000 S-2

ANSI B30.5

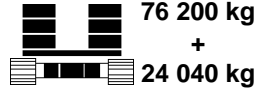
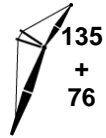


m	°	m	kg
20,0 m			
4.6	82.3	22.2	171 400*
5.0	81.1	22.1	157 200*
6.0	78.1	21.9	130 800*
7.0	75.2	21.6	111 400*
8.0	72.2	21.3	96 500*

m	°	m	kg
23,0 m			
4.9	82.6	25.1	151 500*
5.0	82.2	25.1	150 700*
6.0	79.7	24.9	130 800*
7.0	77.2	24.7	111 400*
8.0	74.6	24.4	96 600*
9.0	71.9	24.1	84 500*

m	°	m	kg
26,0 m			
5.2	82.7	28.1	138 400*
6.0	80.9	28.0	131 200*
7.0	78.7	27.8	111 600*
8.0	76.4	27.5	96 700*
9.0	74.1	27.2	84 700*
10.0	71.8	26.9	74 200

RENTAL ONLY!



m	°	m	kg
29,0 m			
5.5	82.9	31.1	133 200*
6.0	81.9	31.0	129 800*
7.0	79.8	30.9	111 500*
8.0	77.8	30.6	96 700*
9.0	75.8	30.4	84 600*
10.0	73.7	30.1	74 200
11.0	71.6	29.7	63 300

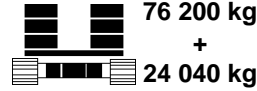
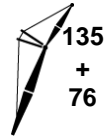
m	°	m	kg
32,0 m			
6.1	82.4	34.1	120 900*
7.0	80.8	33.9	112 400*
8.0	79.0	33.7	96 800*
9.0	77.2	33.5	84 800*
10.0	75.3	33.2	74 500
11.0	73.4	32.9	63 600
12.0	71.5	32.6	54 900

m	°	m	kg
35,0 m			
6.7	82.1	37.0	113 400*
7.0	81.6	37.0	110 100*
8.0	79.9	36.8	96 700*
9.0	78.3	36.6	84 700*
10.0	76.6	36.3	74 400
11.0	74.9	36.0	63 700
12.0	73.2	35.7	55 000
13.0	71.4	35.4	48 000

REF ONLY!

14000 S-2

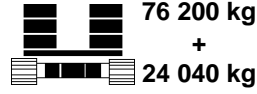
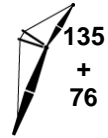
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	106 200*
7.0	82.3	40.0	104 300*
8.0	80.8	39.8	96 900*
9.0	79.2	39.6	84 600*
10.0	77.7	39.4	74 400
11.0	76.1	39.2	63 800
12.0	74.6	38.9	55 100
13.0	73.0	38.6	48 000

m	°	m	kg
41,0 m			
7.3	82.4	43.0	98 700*
8.0	81.4	42.9	94 400*
9.0	80.0	42.7	84 600*
10.0	78.6	42.5	74 200
11.0	77.2	42.2	63 900
12.0	75.7	42.0	55 100
13.0	74.3	41.7	48 100
14.0	72.8	41.4	42 300
15.0	71.3	41.0	37 500

m	°	m	kg
44,0 m			
7.3	82.9	46.0	89 100*
8.0	82.0	45.9	85 700*
9.0	80.7	45.7	80 900*
10.0	79.4	45.5	74 600
11.0	78.1	45.3	64 000
12.0	76.7	45.1	55 200
13.0	75.4	44.8	48 100
14.0	74.0	44.5	42 400
15.0	72.6	44.2	37 600
16.0	71.3	43.9	33 500



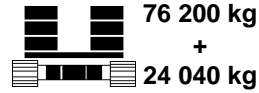
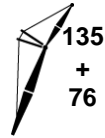
m	°	m	kg
47,0 m			
7.9	82.6	49.0	82 500*
8.0	82.5	48.9	82 100*
9.0	81.3	48.8	77 500*
10.0	80.1	48.6	72 900
11.0	78.8	48.4	64 000
12.0	77.6	48.2	55 200
13.0	76.3	47.9	48 100
14.0	75.1	47.7	42 400
15.0	73.8	47.4	37 600
16.0	72.5	47.0	33 500

m	°	m	kg
50,0 m			
8.5	82.4	51.9	76 400*
9.0	81.8	51.8	74 600*
10.0	80.7	51.7	70 900*
11.0	79.5	51.5	64 000
12.0	78.3	51.3	55 200
13.0	77.2	51.0	48 100
14.0	76.0	50.8	42 300
15.0	74.8	50.5	37 500
16.0	73.6	50.2	33 400
18.0	71.2	49.5	26 900

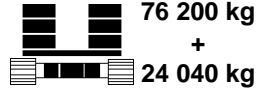
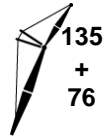
m	°	m	kg
53,0 m			
8.5	82.8	54.9	73 700*
9.0	82.3	54.9	71 900*
10.0	81.2	54.7	68 300*
11.0	80.1	54.5	64 000
12.0	79.0	54.3	55 200
13.0	77.9	54.1	48 100
14.0	76.8	53.9	42 300
15.0	75.7	53.6	37 400
16.0	74.5	53.3	33 300
18.0	72.3	52.7	26 800

14000 S-2

ANSI B30.5



<p>56,0 m</p>			
9.1	82.6	57.9	64 600*
10.0	81.7	57.7	62 000*
11.0	80.6	57.6	59 200*
12.0	79.6	57.4	55 100
13.0	78.6	57.2	48 500
14.0	77.5	57.0	42 200
15.0	76.4	56.7	37 400
16.0	75.4	56.5	33 300
18.0	73.3	55.9	26 700



m	°	m	kg
20,0 m			
4.6	82.3	22.2	171 400*
5.0	81.1	22.1	157 100*
6.0	78.1	21.9	130 600*
7.0	75.2	21.6	111 100*
8.0	72.2	21.3	96 100*
9.0	69.1	20.9	83 700*
10.0	65.9	20.4	72 900

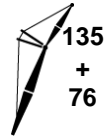
m	°	m	kg
23,0 m			
4.9	82.6	25.1	151 400*
5.0	82.2	25.1	150 600*
6.0	79.7	24.9	130 700*
7.0	77.2	24.7	111 200*
8.0	74.6	24.4	96 300*
9.0	71.9	24.1	84 000*
10.0	69.3	23.7	73 400
11.0	66.6	23.3	62 100

m	°	m	kg
26,0 m			
5.2	82.7	28.1	138 300*
6.0	80.9	28.0	131 100*
7.0	78.7	27.8	111 400*
8.0	76.4	27.5	96 500*
9.0	74.1	27.2	84 200*
10.0	71.8	26.9	73 700
11.0	69.4	26.5	62 600
12.0	67.0	26.1	53 900

REVIEW ONLY

14000 S-2

ANSI B30.5



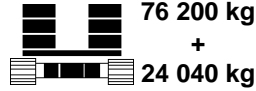
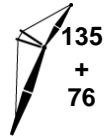
76 200 kg
+
24 040 kg



m	°	m	kg
29,0 m			
5.5	82.9	31.1	133 100*
6.0	81.9	31.0	129 700*
7.0	79.8	30.9	111 400*
8.0	77.8	30.6	96 500*
9.0	75.8	30.4	84 300*
10.0	73.7	30.1	73 800
11.0	71.6	29.7	62 900
12.0	69.5	29.4	54 200
13.0	67.4	28.9	47 200

m	°	m	kg
32,0 m			
6.1	82.4	34.1	120 800*
7.0	80.8	33.9	112 400*
8.0	79.0	33.7	96 600*
9.0	77.2	33.5	84 500*
10.0	75.3	33.2	74 100
11.0	73.4	32.9	63 200
12.0	71.5	32.6	54 500
13.0	69.6	32.2	47 400
14.0	67.7	31.8	41 700
15.0	65.7	31.3	36 900

m	°	m	kg
35,0 m			
6.7	82.1	37.0	113 500*
7.0	81.6	37.0	110 000*
8.0	79.9	36.8	96 500*
9.0	78.3	36.6	84 400*
10.0	76.6	36.3	74 000
11.0	74.9	36.0	63 400
12.0	73.2	35.7	54 600
13.0	71.4	35.4	47 500
14.0	69.7	35.0	41 800
15.0	67.9	34.6	37 000
16.0	66.1	34.2	32 900



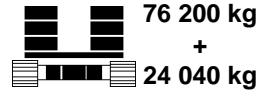
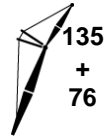
m	°	m	kg
38,0 m			
6.7	82.7	40.0	106 300*
7.0	82.3	40.0	104 300*
8.0	80.8	39.8	96 700*
9.0	79.2	39.6	84 300*
10.0	77.7	39.4	74 100
11.0	76.1	39.2	63 500
12.0	74.6	38.9	54 800
13.0	73.0	38.6	47 700
14.0	71.4	38.2	41 900
15.0	69.8	37.8	37 100
16.0	68.1	37.4	33 000
18.0	64.8	36.5	26 500

m	°	m	kg
41,0 m			
7.3	82.4	43.0	98 700*
8.0	81.4	42.9	94 400*
9.0	80.0	42.7	84 300*
10.0	78.6	42.5	74 000
11.0	77.2	42.2	63 600
12.0	75.7	42.0	54 800
13.0	74.3	41.7	47 700
14.0	72.8	41.4	42 000
15.0	71.3	41.0	37 100
16.0	69.8	40.7	33 100
18.0	66.8	39.8	26 500

m	°	m	kg
44,0 m			
7.3	82.9	46.0	89 100*
8.0	82.0	45.9	85 600*
9.0	80.7	45.7	80 800*
10.0	79.4	45.5	74 400
11.0	78.1	45.3	63 700
12.0	76.7	45.1	54 900
13.0	75.4	44.8	47 800
14.0	74.0	44.5	42 100
15.0	72.6	44.2	37 200
16.0	71.3	43.9	33 100
18.0	68.5	43.1	26 600

14000 S-2

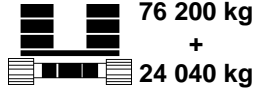
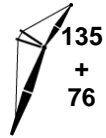
ANSI B30.5



m	°	m	kg
47,0 m			
7.9	82.6	49.0	82 500*
8.0	82.5	48.9	82 100*
9.0	81.3	48.8	77 400*
10.0	80.1	48.6	72 800
11.0	78.8	48.4	63 800
12.0	77.6	48.2	55 000
13.0	76.3	47.9	47 800
14.0	75.1	47.7	42 100
15.0	73.8	47.4	37 200
16.0	72.5	47.0	33 100
18.0	69.9	46.3	26 600
20.0	67.3	45.5	21 500

m	°	m	kg
50,0 m			
8.5	82.4	51.9	76 300*
9.0	81.8	51.8	74 500*
10.0	80.7	51.7	70 800*
11.0	79.5	51.5	63 800
12.0	78.3	51.3	55 000
13.0	77.2	51.0	47 900
14.0	76.0	50.8	42 100
15.0	74.8	50.5	37 200
16.0	73.6	50.2	33 100
18.0	71.2	49.5	26 500
20.0	68.7	48.8	21 500
22.0	66.2	47.9	17 500

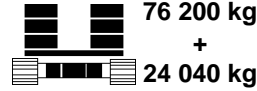
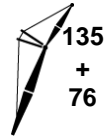
m	°	m	kg
53,0 m			
8.5	82.8	54.9	73 600*
9.0	82.3	54.9	71 800*
10.0	81.2	54.7	68 200*
11.0	80.1	54.5	63 900
12.0	79.0	54.3	55 000
13.0	77.9	54.1	47 800
14.0	76.8	53.9	42 000
15.0	75.7	53.6	37 200
16.0	74.5	53.3	33 000
18.0	72.3	52.7	26 500
20.0	70.0	52.0	21 400
22.0	67.7	51.2	17 400
24.0	65.3	50.3	14 100



9.1	82.6	57.9	64 500*
10.0	81.7	57.7	61 900*
11.0	80.6	57.6	59 000*
12.0	79.6	57.4	55 000
13.0	78.6	57.2	48 200
14.0	77.5	57.0	42 000
15.0	76.4	56.7	37 100
16.0	75.4	56.5	33 000
18.0	73.3	55.9	26 400
20.0	71.1	55.2	21 400
22.0	68.9	54.4	17 400
24.0	66.7	53.6	14 100

14000 S-2

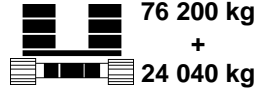
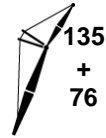
ANSI B30.5



m	°	m	kg
20,0 m			
4.6	82.3	22.2	170 000*
5.0	81.1	22.1	155 600*
6.0	78.1	21.9	129 200*
7.0	75.2	21.6	109 800*
8.0	72.2	21.3	94 500*
9.0	69.1	20.9	82 200*
10.0	65.9	20.4	71 400

m	°	m	kg
23,0 m			
4.9	82.6	25.1	150 200*
5.0	82.2	25.1	149 400*
6.0	79.7	24.9	129 400*
7.0	77.2	24.7	110 000*
8.0	74.6	24.4	94 800*
9.0	71.9	24.1	82 500*
10.0	69.3	23.7	72 000
11.0	66.6	23.3	60 800

m	°	m	kg
26,0 m			
5.2	82.7	28.1	137 200*
6.0	80.9	28.0	129 900*
7.0	78.7	27.8	110 200*
8.0	76.4	27.5	95 100*
9.0	74.1	27.2	82 800*
10.0	71.8	26.9	72 400
11.0	69.4	26.5	61 300
12.0	67.0	26.1	52 700



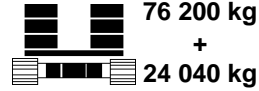
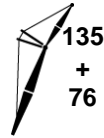
m	°	m	kg
29,0 m			
5.5	82.9	31.1	132 000*
6.0	81.9	31.0	128 600*
7.0	79.8	30.9	110 200*
8.0	77.8	30.6	95 200*
9.0	75.8	30.4	82 800*
10.0	73.7	30.1	72 500
11.0	71.6	29.7	61 600
12.0	69.5	29.4	53 000
13.0	67.4	28.9	46 000

m	°	m	kg
32,0 m			
6.1	82.4	34.1	119 800*
7.0	80.8	33.9	111 200*
8.0	79.0	33.7	95 400*
9.0	77.2	33.5	83 100*
10.0	75.3	33.2	72 800
11.0	73.4	32.9	62 000
12.0	71.5	32.6	53 300
13.0	69.6	32.2	46 300
14.0	67.7	31.8	40 700
15.0	65.7	31.3	36 000

m	°	m	kg
35,0 m			
6.7	82.1	37.0	112 300*
7.0	81.6	37.0	108 900*
8.0	79.9	36.8	95 300*
9.0	78.3	36.6	83 000*
10.0	76.6	36.3	72 800
11.0	74.9	36.0	62 200
12.0	73.2	35.7	53 500
13.0	71.4	35.4	46 500
14.0	69.7	35.0	40 800
15.0	67.9	34.6	36 000
16.0	66.1	34.2	32 000

14000 S-2

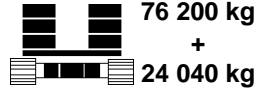
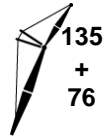
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	105 200*
7.0	82.3	40.0	103 200*
8.0	80.8	39.8	95 500*
9.0	79.2	39.6	83 000*
10.0	77.7	39.4	72 800
11.0	76.1	39.2	62 400
12.0	74.6	38.9	53 700
13.0	73.0	38.6	46 600
14.0	71.4	38.2	41 000
15.0	69.8	37.8	36 200
16.0	68.1	37.4	32 100
18.0	64.8	36.5	25 700

m	°	m	kg
41,0 m			
7.3	82.4	43.0	97 700*
8.0	81.4	42.9	93 300*
9.0	80.0	42.7	83 000*
10.0	78.6	42.5	72 700
11.0	77.2	42.2	62 500
12.0	75.7	42.0	53 700
13.0	74.3	41.7	46 700
14.0	72.8	41.4	41 000
15.0	71.3	41.0	36 200
16.0	69.8	40.7	32 200
18.0	66.8	39.8	25 700

m	°	m	kg
44,0 m			
7.3	82.9	46.0	88 100*
8.0	82.0	45.9	84 600*
9.0	80.7	45.7	79 800*
10.0	79.4	45.5	73 100
11.0	78.1	45.3	62 600
12.0	76.7	45.1	53 900
13.0	75.4	44.8	46 800
14.0	74.0	44.5	41 100
15.0	72.6	44.2	36 300
16.0	71.3	43.9	32 300
18.0	68.5	43.1	25 800



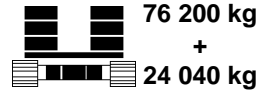
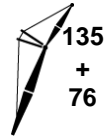
m	°	m	kg
 47,0 m			
7.9	82.6	49.0	81 500*
8.0	82.5	48.9	81 100*
9.0	81.3	48.8	76 500*
10.0	80.1	48.6	71 800
11.0	78.8	48.4	62 600
12.0	77.6	48.2	53 900
13.0	76.3	47.9	46 900
14.0	75.1	47.7	41 100
15.0	73.8	47.4	36 300
16.0	72.5	47.0	32 300
18.0	69.9	46.3	25 800
20.0	67.3	45.5	20 800

m	°	m	kg
 50,0 m			
8.5	82.4	51.9	75 400*
9.0	81.8	51.8	73 600*
10.0	80.7	51.7	69 800*
11.0	79.5	51.5	62 700
12.0	78.3	51.3	53 900
13.0	77.2	51.0	46 800
14.0	76.0	50.8	41 100
15.0	74.8	50.5	36 300
16.0	73.6	50.2	32 300
18.0	71.2	49.5	25 800
20.0	68.7	48.8	20 800
22.0	66.2	47.9	16 800

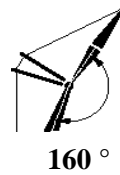
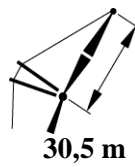
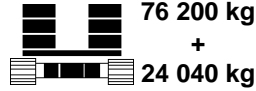
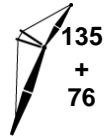
m	°	m	kg
 53,0 m			
8.5	82.8	54.9	72 700*
9.0	82.3	54.9	71 000*
10.0	81.2	54.7	67 300*
11.0	80.1	54.5	62 800
12.0	79.0	54.3	53 900
13.0	77.9	54.1	46 800
14.0	76.8	53.9	41 100
15.0	75.7	53.6	36 300
16.0	74.5	53.3	32 200
18.0	72.3	52.7	25 700
20.0	70.0	52.0	20 700
22.0	67.7	51.2	16 700
24.0	65.3	50.3	13 500

14000 S-2

ANSI B30.5



<p>56,0 m</p>			
9.1	82.6	57.9	63 600*
10.0	81.7	57.7	61 100*
11.0	80.6	57.6	58 200*
12.0	79.6	57.4	54 000
13.0	78.6	57.2	47 200
14.0	77.5	57.0	41 100
15.0	76.4	56.7	36 300
16.0	75.4	56.5	32 200
18.0	73.3	55.9	25 700
20.0	71.1	55.2	20 700
22.0	68.9	54.4	16 700
24.0	66.7	53.6	13 500



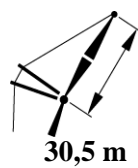
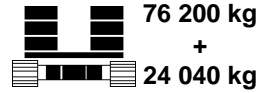
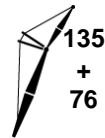
m	°	m	kg
 20,0 m			
4.6	82.3	22.2	171 200*
5.0	81.1	22.1	156 600*
6.0	78.1	21.9	129 900*
7.0	75.2	21.6	110 200*
8.0	72.2	21.3	94 800*
9.0	69.1	20.9	82 200*
10.0	65.9	20.4	71 400
11.0	62.7	19.9	59 900
12.0	59.4	19.3	51 300

m	°	m	kg
 23,0 m			
4.9	82.6	25.1	151 000*
5.0	82.2	25.1	150 200*
6.0	79.7	24.9	130 100*
7.0	77.2	24.7	110 500*
8.0	74.6	24.4	95 200*
9.0	71.9	24.1	82 600*
10.0	69.3	23.7	72 000
11.0	66.6	23.3	60 700
12.0	63.8	22.8	52 000
13.0	60.9	22.2	45 000

m	°	m	kg
 26,0 m			
5.2	82.7	28.1	137 900*
6.0	80.9	28.0	130 600*
7.0	78.7	27.8	110 700*
8.0	76.4	27.5	95 600*
9.0	74.1	27.2	83 000*
10.0	71.8	26.9	72 500
11.0	69.4	26.5	61 400
12.0	67.0	26.1	52 600
13.0	64.6	25.6	45 500
14.0	62.1	25.1	39 900
15.0	59.5	24.5	35 000

14000 S-2

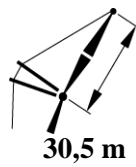
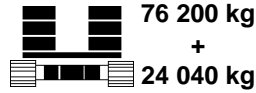
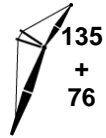
ANSI B30.5



m	°	m	kg
29,0 m			
5.5	82.9	31.1	132 700*
6.0	81.9	31.0	129 200*
7.0	79.8	30.9	110 800*
8.0	77.8	30.6	95 700*
9.0	75.8	30.4	83 200*
10.0	73.7	30.1	72 700
11.0	71.6	29.7	61 800
12.0	69.5	29.4	53 100
13.0	67.4	28.9	46 000
14.0	65.2	28.5	40 200
15.0	63.0	28.0	35 400
16.0	60.7	27.4	31 300

m	°	m	kg
32,0 m			
6.1	82.4	34.1	120 400*
7.0	80.8	33.9	112 000*
8.0	79.0	33.7	96 000*
9.0	77.2	33.5	83 500*
10.0	75.3	33.2	73 100
11.0	73.4	32.9	62 300
12.0	71.5	32.6	53 500
13.0	69.6	32.2	46 400
14.0	67.7	31.8	40 600
15.0	65.7	31.3	35 800
16.0	63.7	30.8	31 700
18.0	59.6	29.7	25 200

m	°	m	kg
35,0 m			
6.7	82.1	37.0	113 200*
7.0	81.6	37.0	109 700*
8.0	79.9	36.8	96 000*
9.0	78.3	36.6	83 500*
10.0	76.6	36.3	73 100
11.0	74.9	36.0	62 500
12.0	73.2	35.7	53 700
13.0	71.4	35.4	46 600
14.0	69.7	35.0	40 800
15.0	67.9	34.6	36 000
16.0	66.1	34.2	31 900
18.0	62.5	33.2	25 300



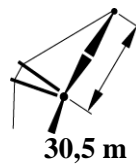
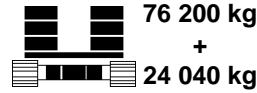
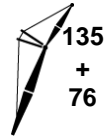
m	°	m	kg
38,0 m			
6.7	82.7	40.0	106 000*
7.0	82.3	40.0	104 000*
8.0	80.8	39.8	96 200*
9.0	79.2	39.6	83 500*
10.0	77.7	39.4	73 200
11.0	76.1	39.2	62 700
12.0	74.6	38.9	53 900
13.0	73.0	38.6	46 800
14.0	71.4	38.2	41 000
15.0	69.8	37.8	36 200
16.0	68.1	37.4	32 000
18.0	64.8	36.5	25 500
20.0	61.4	35.5	20 500

m	°	m	kg
41,0 m			
7.3	82.4	43.0	98 500*
8.0	81.4	42.9	94 000*
9.0	80.0	42.7	83 600*
10.0	78.6	42.5	73 200
11.0	77.2	42.2	62 900
12.0	75.7	42.0	54 000
13.0	74.3	41.7	46 900
14.0	72.8	41.4	41 100
15.0	71.3	41.0	36 200
16.0	69.8	40.7	32 100
18.0	66.8	39.8	25 600
20.0	63.7	38.9	20 500
22.0	60.5	37.8	16 500

m	°	m	kg
44,0 m			
7.3	82.9	46.0	88 900*
8.0	82.0	45.9	85 300*
9.0	80.7	45.7	80 400*
10.0	79.4	45.5	73 600
11.0	78.1	45.3	63 000
12.0	76.7	45.1	54 200
13.0	75.4	44.8	47 100
14.0	74.0	44.5	41 300
15.0	72.6	44.2	36 400
16.0	71.3	43.9	32 300
18.0	68.5	43.1	25 700
20.0	65.6	42.2	20 700
22.0	62.7	41.2	16 700
24.0	59.7	40.1	13 400

14000 S-2

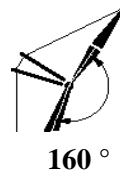
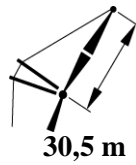
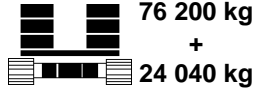
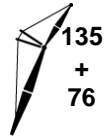
ANSI B30.5



m	°	m	kg
47,0 m			
7.9	82.6	49.0	82 100*
8.0	82.5	48.9	81 800*
9.0	81.3	48.8	77 100*
10.0	80.1	48.6	72 400*
11.0	78.8	48.4	63 100
12.0	77.6	48.2	54 300
13.0	76.3	47.9	47 100
14.0	75.1	47.7	41 300
15.0	73.8	47.4	36 400
16.0	72.5	47.0	32 300
18.0	69.9	46.3	25 700
20.0	67.3	45.5	20 700
22.0	64.6	44.6	16 600
24.0	61.8	43.5	13 400

m	°	m	kg
50,0 m			
8.5	82.4	51.9	76 000*
9.0	81.8	51.8	74 200*
10.0	80.7	51.7	70 300*
11.0	79.5	51.5	63 200
12.0	78.3	51.3	54 300
13.0	77.2	51.0	47 100
14.0	76.0	50.8	41 300
15.0	74.8	50.5	36 400
16.0	73.6	50.2	32 300
18.0	71.2	49.5	25 700
20.0	68.7	48.8	20 700
22.0	66.2	47.9	16 600
24.0	63.7	46.9	13 400
26.0	61.1	45.9	10 700
28.0	58.4	44.7	8 400

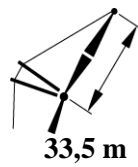
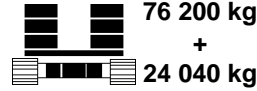
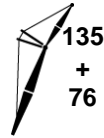
m	°	m	kg
53,0 m			
8.5	82.8	54.9	73 300*
9.0	82.3	54.9	71 500*
10.0	81.2	54.7	67 800*
11.0	80.1	54.5	63 300
12.0	79.0	54.3	54 400
13.0	77.9	54.1	47 200
14.0	76.8	53.9	41 300
15.0	75.7	53.6	36 400
16.0	74.5	53.3	32 300
18.0	72.3	52.7	25 700
20.0	70.0	52.0	20 600
22.0	67.7	51.2	16 600
24.0	65.3	50.3	13 300
26.0	62.9	49.3	10 600
28.0	60.4	48.2	8 300
30.0	57.8	46.9	6 400



56,0 m			
9.1	82.6	57.9	64 100*
10.0	81.7	57.7	61 500*
11.0	80.6	57.6	58 600*
12.0	79.6	57.4	54 400
13.0	78.6	57.2	47 600
14.0	77.5	57.0	41 400
15.0	76.4	56.7	36 400
16.0	75.4	56.5	32 300
18.0	73.3	55.9	25 700
20.0	71.1	55.2	20 600
22.0	68.9	54.4	16 600
24.0	66.7	53.6	13 300
26.0	64.4	52.7	10 600
28.0	62.1	51.6	8 300
30.0	59.8	50.5	6 400
32.0	57.4	49.2	4 700

14000 S-2

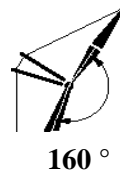
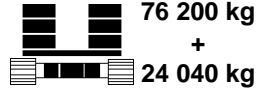
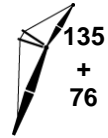
ANSI B30.5



m	°	m	kg
20,0 m			
4.6	82.3	22.2	170 100*
5.0	81.1	22.1	155 600*
6.0	78.1	21.9	128 900*
7.0	75.2	21.6	109 200*
8.0	72.2	21.3	93 600*
9.0	69.1	20.9	81 100*
10.0	65.9	20.4	70 200
11.0	62.7	19.9	58 900
12.0	59.4	19.3	50 200

m	°	m	kg
23,0 m			
4.9	82.6	25.1	150 000*
5.0	82.2	25.1	149 100*
6.0	79.7	24.9	129 200*
7.0	77.2	24.7	109 600*
8.0	74.6	24.4	94 100*
9.0	71.9	24.1	81 600*
10.0	69.3	23.7	71 000
11.0	66.6	23.3	59 700
12.0	63.8	22.8	51 100
13.0	60.9	22.2	44 100

m	°	m	kg
26,0 m			
5.2	82.7	28.1	136 900*
6.0	80.9	28.0	129 700*
7.0	78.7	27.8	109 900*
8.0	76.4	27.5	94 600*
9.0	74.1	27.2	82 100*
10.0	71.8	26.9	71 500
11.0	69.4	26.5	60 400
12.0	67.0	26.1	51 800
13.0	64.6	25.6	44 700
14.0	62.1	25.1	39 000
15.0	59.5	24.5	34 300



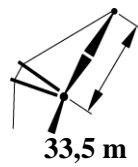
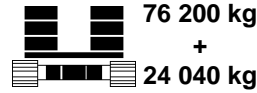
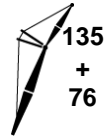
m	°	m	kg
 29,0 m			
5.5	82.9	31.1	131 800*
6.0	81.9	31.0	128 400*
7.0	79.8	30.9	110 000*
8.0	77.8	30.6	94 700*
9.0	75.8	30.4	82 300*
10.0	73.7	30.1	71 800
11.0	71.6	29.7	60 900
12.0	69.5	29.4	52 200
13.0	67.4	28.9	45 200
14.0	65.2	28.5	39 500
15.0	63.0	28.0	34 700
16.0	60.7	27.4	30 600

m	°	m	kg
 32,0 m			
6.1	82.4	34.1	119 600*
7.0	80.8	33.9	111 000*
8.0	79.0	33.7	95 100*
9.0	77.2	33.5	82 600*
10.0	75.3	33.2	72 200
11.0	73.4	32.9	61 400
12.0	71.5	32.6	52 700
13.0	69.6	32.2	45 600
14.0	67.7	31.8	39 900
15.0	65.7	31.3	35 100
16.0	63.7	30.8	31 100
18.0	59.6	29.7	24 600

m	°	m	kg
 35,0 m			
6.7	82.1	37.0	112 200*
7.0	81.6	37.0	108 800*
8.0	79.9	36.8	95 000*
9.0	78.3	36.6	82 600*
10.0	76.6	36.3	72 300
11.0	74.9	36.0	61 700
12.0	73.2	35.7	52 900
13.0	71.4	35.4	45 900
14.0	69.7	35.0	40 100
15.0	67.9	34.6	35 300
16.0	66.1	34.2	31 300
18.0	62.5	33.2	24 800

14000 S-2

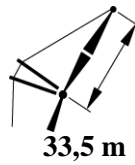
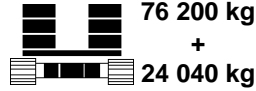
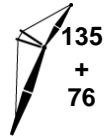
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	105 000*
7.0	82.3	40.0	103 000*
8.0	80.8	39.8	95 300*
9.0	79.2	39.6	82 700*
10.0	77.7	39.4	72 400
11.0	76.1	39.2	61 900
12.0	74.6	38.9	53 200
13.0	73.0	38.6	46 100
14.0	71.4	38.2	40 300
15.0	69.8	37.8	35 500
16.0	68.1	37.4	31 400
18.0	64.8	36.5	24 900
20.0	61.4	35.5	19 900

m	°	m	kg
41,0 m			
7.3	82.4	43.0	97 500*
8.0	81.4	42.9	93 100*
9.0	80.0	42.7	82 700*
10.0	78.6	42.5	72 400
11.0	77.2	42.2	62 100
12.0	75.7	42.0	53 300
13.0	74.3	41.7	46 200
14.0	72.8	41.4	40 400
15.0	71.3	41.0	35 600
16.0	69.8	40.7	31 500
18.0	66.8	39.8	25 000
20.0	63.7	38.9	20 000
22.0	60.5	37.8	16 000

m	°	m	kg
44,0 m			
7.3	82.9	46.0	87 900*
8.0	82.0	45.9	84 400*
9.0	80.7	45.7	79 500*
10.0	79.4	45.5	72 800
11.0	78.1	45.3	62 300
12.0	76.7	45.1	53 500
13.0	75.4	44.8	46 400
14.0	74.0	44.5	40 600
15.0	72.6	44.2	35 800
16.0	71.3	43.9	31 700
18.0	68.5	43.1	25 200
20.0	65.6	42.2	20 200
22.0	62.7	41.2	16 200
24.0	59.7	40.1	13 000



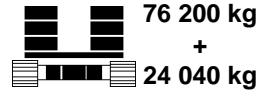
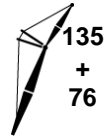
m	°	m	kg
47,0 m			
7.9	82.6	49.0	81 300*
8.0	82.5	48.9	80 900*
9.0	81.3	48.8	76 200*
10.0	80.1	48.6	71 500
11.0	78.8	48.4	62 400
12.0	77.6	48.2	53 600
13.0	76.3	47.9	46 500
14.0	75.1	47.7	40 700
15.0	73.8	47.4	35 800
16.0	72.5	47.0	31 700
18.0	69.9	46.3	25 200
20.0	67.3	45.5	20 200
22.0	64.6	44.6	16 200
24.0	61.8	43.5	13 000

m	°	m	kg
50,0 m			
8.5	82.4	51.9	75 200*
9.0	81.8	51.8	73 400*
10.0	80.7	51.7	69 500*
11.0	79.5	51.5	62 500
12.0	78.3	51.3	53 600
13.0	77.2	51.0	46 500
14.0	76.0	50.8	40 700
15.0	74.8	50.5	35 900
16.0	73.6	50.2	31 800
18.0	71.2	49.5	25 200
20.0	68.7	48.8	20 200
22.0	66.2	47.9	16 200
24.0	63.7	46.9	13 000
26.0	61.1	45.9	10 300
28.0	58.4	44.7	8 100

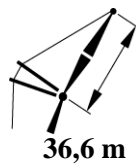
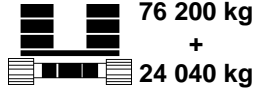
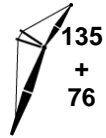
m	°	m	kg
53,0 m			
8.5	82.8	54.9	72 500*
9.0	82.3	54.9	70 700*
10.0	81.2	54.7	67 000*
11.0	80.1	54.5	62 600
12.0	79.0	54.3	53 700
13.0	77.9	54.1	46 500
14.0	76.8	53.9	40 700
15.0	75.7	53.6	35 900
16.0	74.5	53.3	31 800
18.0	72.3	52.7	25 200
20.0	70.0	52.0	20 200
22.0	67.7	51.2	16 100
24.0	65.3	50.3	12 900
26.0	62.9	49.3	10 200
28.0	60.4	48.2	8 000
30.0	57.8	46.9	6 000

14000 S-2

ANSI B30.5



<p>56,0 m</p>			
9.1	82.6	57.9	63 400*
10.0	81.7	57.7	60 800*
11.0	80.6	57.6	57 800*
12.0	79.6	57.4	53 700
13.0	78.6	57.2	47 000
14.0	77.5	57.0	40 800
15.0	76.4	56.7	35 900
16.0	75.4	56.5	31 800
18.0	73.3	55.9	25 200
20.0	71.1	55.2	20 200
22.0	68.9	54.4	16 200
24.0	66.7	53.6	12 900
26.0	64.4	52.7	10 200
28.0	62.1	51.6	8 000
30.0	59.8	50.5	6 000
32.0	57.4	49.2	4 400



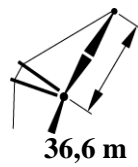
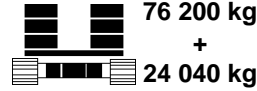
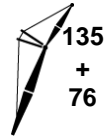
m	°	m	kg
 20,0 m			
4.6	82.3	22.2	168 500*
5.0	81.1	22.1	154 000*
6.0	78.1	21.9	127 400*
7.0	75.2	21.6	107 600*
8.0	72.2	21.3	91 800*
9.0	69.1	20.9	79 400*
10.0	65.9	20.4	68 400
11.0	62.7	19.9	57 200
12.0	59.4	19.3	48 700

m	°	m	kg
 23,0 m			
4.9	82.6	25.1	148 500*
5.0	82.2	25.1	147 600*
6.0	79.7	24.9	127 800*
7.0	77.2	24.7	108 100*
8.0	74.6	24.4	92 400*
9.0	71.9	24.1	79 900*
10.0	69.3	23.7	69 400
11.0	66.6	23.3	58 200
12.0	63.8	22.8	49 600
13.0	60.9	22.2	42 700

m	°	m	kg
 26,0 m			
5.2	82.7	28.1	135 600*
6.0	80.9	28.0	128 300*
7.0	78.7	27.8	108 500*
8.0	76.4	27.5	92 900*
9.0	74.1	27.2	80 500*
10.0	71.8	26.9	70 000
11.0	69.4	26.5	59 000
12.0	67.0	26.1	50 400
13.0	64.6	25.6	43 400
14.0	62.1	25.1	37 800
15.0	59.5	24.5	33 100

14000 S-2

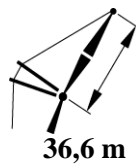
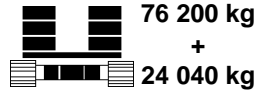
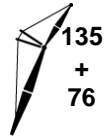
ANSI B30.5



m	°	m	kg
 29,0 m			
5.5	82.9	31.1	130 400*
6.0	81.9	31.0	127 000*
7.0	79.8	30.9	108 700*
8.0	77.8	30.6	93 100*
9.0	75.8	30.4	80 700*
10.0	73.7	30.1	70 300
11.0	71.6	29.7	59 500
12.0	69.5	29.4	50 900
13.0	67.4	28.9	43 900
14.0	65.2	28.5	38 200
15.0	63.0	28.0	33 500
16.0	60.7	27.4	29 500

m	°	m	kg
 32,0 m			
6.1	82.4	34.1	118 300*
7.0	80.8	33.9	109 600*
8.0	79.0	33.7	93 500*
9.0	77.2	33.5	81 100*
10.0	75.3	33.2	70 800
11.0	73.4	32.9	60 000
12.0	71.5	32.6	51 400
13.0	69.6	32.2	44 400
14.0	67.7	31.8	38 700
15.0	65.7	31.3	34 000
16.0	63.7	30.8	29 900
18.0	59.6	29.7	23 500

m	°	m	kg
 35,0 m			
6.7	82.1	37.0	110 700*
7.0	81.6	37.0	107 400*
8.0	79.9	36.8	93 500*
9.0	78.3	36.6	81 100*
10.0	76.6	36.3	70 900
11.0	74.9	36.0	60 300
12.0	73.2	35.7	51 700
13.0	71.4	35.4	44 600
14.0	69.7	35.0	39 000
15.0	67.9	34.6	34 200
16.0	66.1	34.2	30 200
18.0	62.5	33.2	23 700



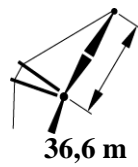
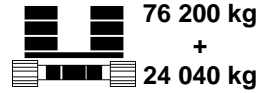
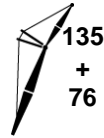
m	°	m	kg
38,0 m			
6.7	82.7	40.0	103 700*
7.0	82.3	40.0	101 700*
8.0	80.8	39.8	93 800*
9.0	79.2	39.6	81 200*
10.0	77.7	39.4	71 000
11.0	76.1	39.2	60 600
12.0	74.6	38.9	51 900
13.0	73.0	38.6	44 900
14.0	71.4	38.2	39 200
15.0	69.8	37.8	34 400
16.0	68.1	37.4	30 400
18.0	64.8	36.5	24 000
20.0	61.4	35.5	19 000

m	°	m	kg
41,0 m			
7.3	82.4	43.0	96 200*
8.0	81.4	42.9	91 700*
9.0	80.0	42.7	81 300*
10.0	78.6	42.5	71 000
11.0	77.2	42.2	60 800
12.0	75.7	42.0	52 100
13.0	74.3	41.7	45 100
14.0	72.8	41.4	39 400
15.0	71.3	41.0	34 600
16.0	69.8	40.7	30 500
18.0	66.8	39.8	24 000
20.0	63.7	38.9	19 100
22.0	60.5	37.8	15 100

m	°	m	kg
44,0 m			
7.3	82.9	46.0	86 700*
8.0	82.0	45.9	83 200*
9.0	80.7	45.7	78 300*
10.0	79.4	45.5	71 400
11.0	78.1	45.3	61 000
12.0	76.7	45.1	52 300
13.0	75.4	44.8	45 200
14.0	74.0	44.5	39 500
15.0	72.6	44.2	34 800
16.0	71.3	43.9	30 700
18.0	68.5	43.1	24 200
20.0	65.6	42.2	19 300
22.0	62.7	41.2	15 300
24.0	59.7	40.1	12 100

14000 S-2

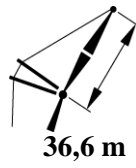
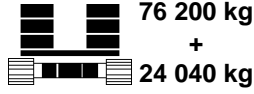
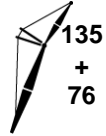
ANSI B30.5



m	°	m	kg
47,0 m			
7.9	82.6	49.0	80 100*
8.0	82.5	48.9	79 700*
9.0	81.3	48.8	75 000*
10.0	80.1	48.6	70 300
11.0	78.8	48.4	61 100
12.0	77.6	48.2	52 400
13.0	76.3	47.9	45 400
14.0	75.1	47.7	39 600
15.0	73.8	47.4	34 800
16.0	72.5	47.0	30 800
18.0	69.9	46.3	24 300
20.0	67.3	45.5	19 300
22.0	64.6	44.6	15 300
24.0	61.8	43.5	12 100

m	°	m	kg
50,0 m			
8.5	82.4	51.9	74 100*
9.0	81.8	51.8	72 200*
10.0	80.7	51.7	68 400*
11.0	79.5	51.5	61 300
12.0	78.3	51.3	52 500
13.0	77.2	51.0	45 400
14.0	76.0	50.8	39 700
15.0	74.8	50.5	34 900
16.0	73.6	50.2	30 800
18.0	71.2	49.5	24 300
20.0	68.7	48.8	19 300
22.0	66.2	47.9	15 400
24.0	63.7	46.9	12 200
26.0	61.1	45.9	9 500
28.0	58.4	44.7	7 300

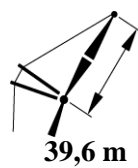
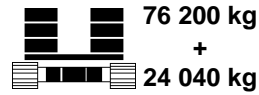
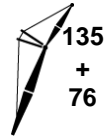
m	°	m	kg
53,0 m			
8.5	82.8	54.9	71 300*
9.0	82.3	54.9	69 600*
10.0	81.2	54.7	65 900*
11.0	80.1	54.5	61 400
12.0	79.0	54.3	52 600
13.0	77.9	54.1	45 500
14.0	76.8	53.9	39 700
15.0	75.7	53.6	34 900
16.0	74.5	53.3	30 800
18.0	72.3	52.7	24 300
20.0	70.0	52.0	19 300
22.0	67.7	51.2	15 300
24.0	65.3	50.3	12 100
26.0	62.9	49.3	9 500
28.0	60.4	48.2	7 200



9.1	82.6	57.9	62 300*
10.0	81.7	57.7	59 700*
11.0	80.6	57.6	56 800*
12.0	79.6	57.4	52 600
13.0	78.6	57.2	45 900
14.0	77.5	57.0	39 800
15.0	76.4	56.7	34 900
16.0	75.4	56.5	30 800
18.0	73.3	55.9	24 300
20.0	71.1	55.2	19 300
22.0	68.9	54.4	15 300
24.0	66.7	53.6	12 100
26.0	64.4	52.7	9 500
28.0	62.1	51.6	7 200

14000 S-2

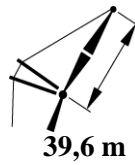
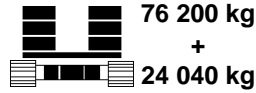
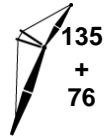
ANSI B30.5



m	°	m	kg
20,0 m			
4.6	82.3	22.2	170 700*
5.0	81.1	22.1	155 900*
6.0	78.1	21.9	128 800*
7.0	75.2	21.6	108 900*
8.0	72.2	21.3	92 900*
9.0	69.1	20.9	80 200*
10.0	65.9	20.4	69 200
11.0	62.7	19.9	57 600
12.0	59.4	19.3	48 900
13.0	55.9	18.6	41 800

m	°	m	kg
23,0 m			
4.9	82.6	25.1	150 300*
5.0	82.2	25.1	149 500*
6.0	79.7	24.9	129 300*
7.0	77.2	24.7	109 400*
8.0	74.6	24.4	93 600*
9.0	71.9	24.1	80 900*
10.0	69.3	23.7	70 100
11.0	66.6	23.3	58 800
12.0	63.8	22.8	50 000
13.0	60.9	22.2	42 900
14.0	58.0	21.6	37 200
15.0	54.9	20.9	32 300

m	°	m	kg
26,0 m			
5.2	82.7	28.1	137 300*
6.0	80.9	28.0	129 800*
7.0	78.7	27.8	109 800*
8.0	76.4	27.5	94 200*
9.0	74.1	27.2	81 500*
10.0	71.8	26.9	70 800
11.0	69.4	26.5	59 700
12.0	67.0	26.1	50 900
13.0	64.6	25.6	43 800
14.0	62.1	25.1	38 000
15.0	59.5	24.5	33 200
16.0	56.9	23.8	29 100



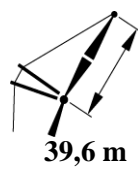
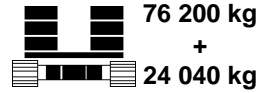
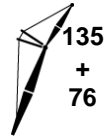
m	°	m	kg
29,0 m			
5.5	82.9	31.1	132 000*
6.0	81.9	31.0	128 600*
7.0	79.8	30.9	110 100*
8.0	77.8	30.6	94 500*
9.0	75.8	30.4	81 800*
10.0	73.7	30.1	71 300
11.0	71.6	29.7	60 400
12.0	69.5	29.4	51 500
13.0	67.4	28.9	44 400
14.0	65.2	28.5	38 600
15.0	63.0	28.0	33 800
16.0	60.7	27.4	29 600
18.0	56.0	26.1	23 000

m	°	m	kg
32,0 m			
6.1	82.4	34.1	119 700*
7.0	80.8	33.9	111 400*
8.0	79.0	33.7	95 000*
9.0	77.2	33.5	82 300*
10.0	75.3	33.2	71 800
11.0	73.4	32.9	60 900
12.0	71.5	32.6	52 100
13.0	69.6	32.2	44 900
14.0	67.7	31.8	39 200
15.0	65.7	31.3	34 300
16.0	63.7	30.8	30 200
18.0	59.6	29.7	23 600
20.0	55.3	28.4	18 500

m	°	m	kg
35,0 m			
6.7	82.1	37.0	112 600*
7.0	81.6	37.0	109 000*
8.0	79.9	36.8	95 000*
9.0	78.3	36.6	82 400*
10.0	76.6	36.3	71 900
11.0	74.9	36.0	61 300
12.0	73.2	35.7	52 500
13.0	71.4	35.4	45 300
14.0	69.7	35.0	39 500
15.0	67.9	34.6	34 600
16.0	66.1	34.2	30 500
18.0	62.5	33.2	23 900
20.0	58.7	32.0	18 800
22.0	54.7	30.6	14 800

14000 S-2

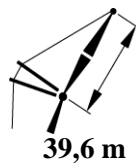
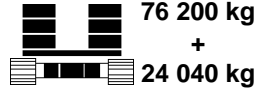
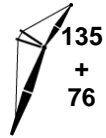
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	105 500*
7.0	82.3	40.0	103 400*
8.0	80.8	39.8	95 400*
9.0	79.2	39.6	82 500*
10.0	77.7	39.4	72 100
11.0	76.1	39.2	61 600
12.0	74.6	38.9	52 800
13.0	73.0	38.6	45 600
14.0	71.4	38.2	39 800
15.0	69.8	37.8	34 900
16.0	68.1	37.4	30 800
18.0	64.8	36.5	24 100
20.0	61.4	35.5	19 100
22.0	57.9	34.2	15 000
24.0	54.2	32.8	11 800

m	°	m	kg
41,0 m			
7.3	82.4	43.0	97 800*
8.0	81.4	42.9	93 300*
9.0	80.0	42.7	82 700*
10.0	78.6	42.5	72 200
11.0	77.2	42.2	61 900
12.0	75.7	42.0	53 000
13.0	74.3	41.7	45 800
14.0	72.8	41.4	40 000
15.0	71.3	41.0	35 100
16.0	69.8	40.7	30 900
18.0	66.8	39.8	24 300
20.0	63.7	38.9	19 200
22.0	60.5	37.8	15 200
24.0	57.2	36.5	11 900
26.0	53.8	35.1	9 200

m	°	m	kg
44,0 m			
7.3	82.9	46.0	88 300*
8.0	82.0	45.9	84 700*
9.0	80.7	45.7	79 600*
10.0	79.4	45.5	72 700
11.0	78.1	45.3	62 100
12.0	76.7	45.1	53 200
13.0	75.4	44.8	46 000
14.0	74.0	44.5	40 200
15.0	72.6	44.2	35 300
16.0	71.3	43.9	31 200
18.0	68.5	43.1	24 500
20.0	65.6	42.2	19 400
22.0	62.7	41.2	15 400
24.0	59.7	40.1	12 200
26.0	56.6	38.8	9 500
28.0	53.4	37.3	7 100



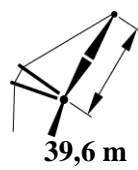
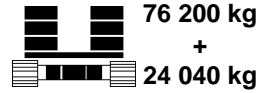
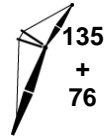
m	°	m	kg
47,0 m			
7.9	82.6	49.0	81 500*
8.0	82.5	48.9	81 100*
9.0	81.3	48.8	76 300*
10.0	80.1	48.6	71 500*
11.0	78.8	48.4	62 300
12.0	77.6	48.2	53 400
13.0	76.3	47.9	46 200
14.0	75.1	47.7	40 300
15.0	73.8	47.4	35 400
16.0	72.5	47.0	31 200
18.0	69.9	46.3	24 600
20.0	67.3	45.5	19 500
22.0	64.6	44.6	15 500
24.0	61.8	43.5	12 200
26.0	59.0	42.4	9 500
28.0	56.1	41.1	7 200
30.0	53.1	39.6	5 200


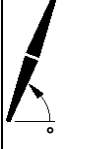



m	°	m	kg
50,0 m			
8.5	82.4	51.9	75 300*
9.0	81.8	51.8	73 500*
10.0	80.7	51.7	69 600*
11.0	79.5	51.5	62 500
12.0	78.3	51.3	53 500
13.0	77.2	51.0	46 300
14.0	76.0	50.8	40 400
15.0	74.8	50.5	35 500
16.0	73.6	50.2	31 300
18.0	71.2	49.5	24 700
20.0	68.7	48.8	19 600
22.0	66.2	47.9	15 500
24.0	63.7	46.9	12 200
26.0	61.1	45.9	9 500
28.0	58.4	44.7	7 200
30.0	55.6	43.3	5 300

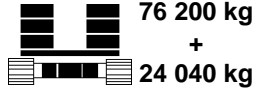
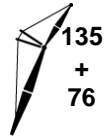
m	°	m	kg
53,0 m			
8.5	82.8	54.9	72 600*
9.0	82.3	54.9	70 800*
10.0	81.2	54.7	67 000*
11.0	80.1	54.5	62 700
12.0	79.0	54.3	53 600
13.0	77.9	54.1	46 400
14.0	76.8	53.9	40 500
15.0	75.7	53.6	35 500
16.0	74.5	53.3	31 400
18.0	72.3	52.7	24 700
20.0	70.0	52.0	19 600
22.0	67.7	51.2	15 500
24.0	65.3	50.3	12 200
26.0	62.9	49.3	9 500
28.0	60.4	48.2	7 200

14000 S-2

ANSI B30.5



 m	 °	 m	 kg
 56,0 m			
9.1	82.6	57.9	63 500*
10.0	81.7	57.7	60 800*
11.0	80.6	57.6	57 800*
12.0	79.6	57.4	53 700
13.0	78.6	57.2	46 900
14.0	77.5	57.0	40 500
15.0	76.4	56.7	35 600
16.0	75.4	56.5	31 400
18.0	73.3	55.9	24 700
20.0	71.1	55.2	19 600
22.0	68.9	54.4	15 600
24.0	66.7	53.6	12 300
26.0	64.4	52.7	9 500
28.0	62.1	51.6	7 300



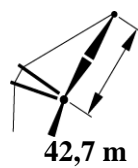
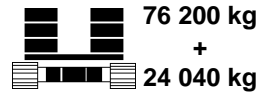
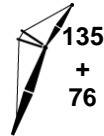
m	°	m	kg
20,0 m			
4.6	82.3	22.2	169 400*
5.0	81.1	22.1	154 600*
6.0	78.1	21.9	127 600*
7.0	75.2	21.6	107 400*
8.0	72.2	21.3	91 300*
9.0	69.1	20.9	78 500*
10.0	65.9	20.4	67 500
11.0	62.7	19.9	56 100
12.0	59.4	19.3	47 400
13.0	55.9	18.6	40 400

m	°	m	kg
23,0 m			
4.9	82.6	25.1	149 000*
5.0	82.2	25.1	148 200*
6.0	79.7	24.9	128 100*
7.0	77.2	24.7	108 100*
8.0	74.6	24.4	92 000*
9.0	71.9	24.1	79 400*
10.0	69.3	23.7	68 600
11.0	66.6	23.3	57 300
12.0	63.8	22.8	48 600
13.0	60.9	22.2	41 600
14.0	58.0	21.6	35 800
15.0	54.9	20.9	31 000

m	°	m	kg
26,0 m			
5.2	82.7	28.1	136 100*
6.0	80.9	28.0	128 600*
7.0	78.7	27.8	108 600*
8.0	76.4	27.5	92 700*
9.0	74.1	27.2	80 100*
10.0	71.8	26.9	69 400
11.0	69.4	26.5	58 300
12.0	67.0	26.1	49 600
13.0	64.6	25.6	42 500
14.0	62.1	25.1	36 800
15.0	59.5	24.5	31 900
16.0	56.9	23.8	27 900

14000 S-2

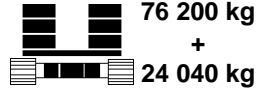
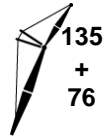
ANSI B30.5



m	°	m	kg
29,0 m			
5.5	82.9	31.1	130 900*
6.0	81.9	31.0	127 500*
7.0	79.8	30.9	108 900*
8.0	77.8	30.6	93 100*
9.0	75.8	30.4	80 500*
10.0	73.7	30.1	69 900
11.0	71.6	29.7	59 100
12.0	69.5	29.4	50 300
13.0	67.4	28.9	43 200
14.0	65.2	28.5	37 400
15.0	63.0	28.0	32 600
16.0	60.7	27.4	28 500
18.0	56.0	26.1	22 000

m	°	m	kg
32,0 m			
6.1	82.4	34.1	118 700*
7.0	80.8	33.9	110 100*
8.0	79.0	33.7	93 600*
9.0	77.2	33.5	81 000*
10.0	75.3	33.2	70 500
11.0	73.4	32.9	59 700
12.0	71.5	32.6	50 900
13.0	69.6	32.2	43 800
14.0	67.7	31.8	38 000
15.0	65.7	31.3	33 200
16.0	63.7	30.8	29 100
18.0	59.6	29.7	22 600
20.0	55.3	28.4	17 500

m	°	m	kg
35,0 m			
6.7	82.1	37.0	111 400*
7.0	81.6	37.0	107 900*
8.0	79.9	36.8	93 700*
9.0	78.3	36.6	81 100*
10.0	76.6	36.3	70 700
11.0	74.9	36.0	60 100
12.0	73.2	35.7	51 300
13.0	71.4	35.4	44 200
14.0	69.7	35.0	38 400
15.0	67.9	34.6	33 600
16.0	66.1	34.2	29 500
18.0	62.5	33.2	22 900
20.0	58.7	32.0	17 800
22.0	54.7	30.6	13 900



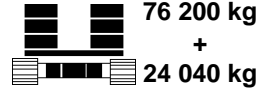
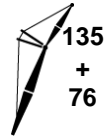
m	°	m	kg
38,0 m			
6.7	82.7	40.0	104 300*
7.0	82.3	40.0	102 300*
8.0	80.8	39.8	94 100*
9.0	79.2	39.6	81 300*
10.0	77.7	39.4	70 900
11.0	76.1	39.2	60 500
12.0	74.6	38.9	51 700
13.0	73.0	38.6	44 500
14.0	71.4	38.2	38 700
15.0	69.8	37.8	33 900
16.0	68.1	37.4	29 800
18.0	64.8	36.5	23 200
20.0	61.4	35.5	18 200
22.0	57.9	34.2	14 100
24.0	54.2	32.8	10 900

m	°	m	kg
41,0 m			
7.3	82.4	43.0	96 700*
8.0	81.4	42.9	92 200*
9.0	80.0	42.7	81 400*
10.0	78.6	42.5	71 000
11.0	77.2	42.2	60 800
12.0	75.7	42.0	51 900
13.0	74.3	41.7	44 800
14.0	72.8	41.4	39 000
15.0	71.3	41.0	34 100
16.0	69.8	40.7	30 000
18.0	66.8	39.8	23 400
20.0	63.7	38.9	18 300
22.0	60.5	37.8	14 300
24.0	57.2	36.5	11 100
26.0	53.8	35.1	8 400

m	°	m	kg
44,0 m			
7.3	82.9	46.0	87 200*
8.0	82.0	45.9	83 600*
9.0	80.7	45.7	78 600*
10.0	79.4	45.5	71 500
11.0	78.1	45.3	61 000
12.0	76.7	45.1	52 200
13.0	75.4	44.8	45 000
14.0	74.0	44.5	39 200
15.0	72.6	44.2	34 400
16.0	71.3	43.9	30 200
18.0	68.5	43.1	23 700
20.0	65.6	42.2	18 600
22.0	62.7	41.2	14 600
24.0	59.7	40.1	11 300
26.0	56.6	38.8	8 600
28.0	53.4	37.3	6 400

14000 S-2

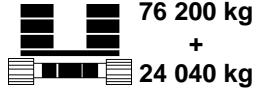
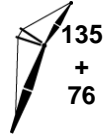
ANSI B30.5








m	°	m	kg
47,0 m			
7.9	82.6	49.0	80 500*
8.0	82.5	48.9	80 100*
9.0	81.3	48.8	75 300*
10.0	80.1	48.6	70 400*
11.0	78.8	48.4	61 300
12.0	77.6	48.2	52 400
13.0	76.3	47.9	45 200
14.0	75.1	47.7	39 400
15.0	73.8	47.4	34 500
16.0	72.5	47.0	30 300
18.0	69.9	46.3	23 700
20.0	67.3	45.5	18 700
22.0	64.6	44.6	14 600
24.0	61.8	43.5	11 400
26.0	59.0	42.4	8 700
28.0	56.1	41.1	6 400

m	°	m	kg
50,0 m			
8.5	82.4	51.9	74 400*
9.0	81.8	51.8	72 500*
10.0	80.7	51.7	68 600*
11.0	79.5	51.5	61 400
12.0	78.3	51.3	52 500
13.0	77.2	51.0	45 300
14.0	76.0	50.8	39 500
15.0	74.8	50.5	34 600
16.0	73.6	50.2	30 400
18.0	71.2	49.5	23 800
20.0	68.7	48.8	18 800
22.0	66.2	47.9	14 700
24.0	63.7	46.9	11 400
26.0	61.1	45.9	8 800
28.0	58.4	44.7	6 500

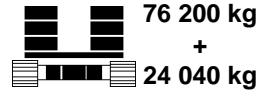
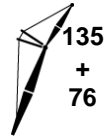
m	°	m	kg
53,0 m			
8.5	82.8	54.9	71 600*
9.0	82.3	54.9	69 800*
10.0	81.2	54.7	66 100*
11.0	80.1	54.5	61 600
12.0	79.0	54.3	52 600
13.0	77.9	54.1	45 400
14.0	76.8	53.9	39 600
15.0	75.7	53.6	34 700
16.0	74.5	53.3	30 500
18.0	72.3	52.7	23 800
20.0	70.0	52.0	18 800
22.0	67.7	51.2	14 700
24.0	65.3	50.3	11 400
26.0	62.9	49.3	8 800



			
m	°	m	kg
 56,0 m			
9.1	82.6	57.9	62 600*
10.0	81.7	57.7	59 900*
11.0	80.6	57.6	56 900*
12.0	79.6	57.4	52 700
13.0	78.6	57.2	45 900
14.0	77.5	57.0	39 600
15.0	76.4	56.7	34 700
16.0	75.4	56.5	30 600
18.0	73.3	55.9	23 900
20.0	71.1	55.2	18 800
22.0	68.9	54.4	14 800
24.0	66.7	53.6	11 500
26.0	64.4	52.7	8 800

14000 S-2

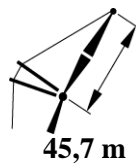
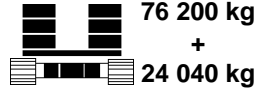
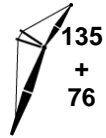
ANSI B30.5



m	°	m	kg
 20,0 m			
4.6	82.3	22.2	168 400*
5.0	81.1	22.1	153 600*
6.0	78.1	21.9	126 700*
7.0	75.2	21.6	106 200*
8.0	72.2	21.3	90 100*
9.0	69.1	20.9	77 400*
10.0	65.9	20.4	66 300
11.0	62.7	19.9	54 900
12.0	59.4	19.3	46 300
13.0	55.9	18.6	39 300

m	°	m	kg
 23,0 m			
4.9	82.6	25.1	148 100*
5.0	82.2	25.1	147 200*
6.0	79.7	24.9	127 200*
7.0	77.2	24.7	107 000*
8.0	74.6	24.4	91 000*
9.0	71.9	24.1	78 300*
10.0	69.3	23.7	67 500
11.0	66.6	23.3	56 300
12.0	63.8	22.8	47 600
13.0	60.9	22.2	40 600
14.0	58.0	21.6	34 900
15.0	54.9	20.9	30 200

m	°	m	kg
 26,0 m			
5.2	82.7	28.1	135 200*
6.0	80.9	28.0	127 800*
7.0	78.7	27.8	107 700*
8.0	76.4	27.5	91 700*
9.0	74.1	27.2	79 100*
10.0	71.8	26.9	68 400
11.0	69.4	26.5	57 300
12.0	67.0	26.1	48 600
13.0	64.6	25.6	41 600
14.0	62.1	25.1	35 900
15.0	59.5	24.5	31 100
16.0	56.9	23.8	27 100



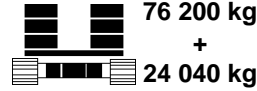
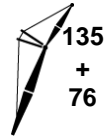
m	°	m	kg
29,0 m			
5.5	82.9	31.1	130 000*
6.0	81.9	31.0	126 600*
7.0	79.8	30.9	108 100*
8.0	77.8	30.6	92 100*
9.0	75.8	30.4	79 500*
10.0	73.7	30.1	69 000
11.0	71.6	29.7	58 100
12.0	69.5	29.4	49 400
13.0	67.4	28.9	42 300
14.0	65.2	28.5	36 600
15.0	63.0	28.0	31 800
16.0	60.7	27.4	27 800
18.0	56.0	26.1	21 200

m	°	m	kg
32,0 m			
6.1	82.4	34.1	117 900*
7.0	80.8	33.9	109 100*
8.0	79.0	33.7	92 600*
9.0	77.2	33.5	80 100*
10.0	75.3	33.2	69 600
11.0	73.4	32.9	58 800
12.0	71.5	32.6	50 100
13.0	69.6	32.2	43 000
14.0	67.7	31.8	37 300
15.0	65.7	31.3	32 500
16.0	63.7	30.8	28 400
18.0	59.6	29.7	21 900
20.0	55.3	28.4	16 900

m	°	m	kg
35,0 m			
6.7	82.1	37.0	110 400*
7.0	81.6	37.0	107 000*
8.0	79.9	36.8	92 800*
9.0	78.3	36.6	80 200*
10.0	76.6	36.3	69 800
11.0	74.9	36.0	59 300
12.0	73.2	35.7	50 500
13.0	71.4	35.4	43 400
14.0	69.7	35.0	37 700
15.0	67.9	34.6	32 900
16.0	66.1	34.2	28 800
18.0	62.5	33.2	22 200
20.0	58.7	32.0	17 300
22.0	54.7	30.6	13 300

14000 S-2

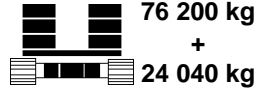
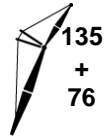
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	103 500*
7.0	82.3	40.0	101 400*
8.0	80.8	39.8	93 200*
9.0	79.2	39.6	80 400*
10.0	77.7	39.4	70 100
11.0	76.1	39.2	59 700
12.0	74.6	38.9	50 900
13.0	73.0	38.6	43 800
14.0	71.4	38.2	38 000
15.0	69.8	37.8	33 200
16.0	68.1	37.4	29 100
18.0	64.8	36.5	22 600
20.0	61.4	35.5	17 600
22.0	57.9	34.2	13 600
24.0	54.2	32.8	10 400

m	°	m	kg
41,0 m			
7.3	82.4	43.0	95 900*
8.0	81.4	42.9	91 300*
9.0	80.0	42.7	80 600*
10.0	78.6	42.5	70 200
11.0	77.2	42.2	60 000
12.0	75.7	42.0	51 200
13.0	74.3	41.7	44 100
14.0	72.8	41.4	38 300
15.0	71.3	41.0	33 400
16.0	69.8	40.7	29 300
18.0	66.8	39.8	22 800
20.0	63.7	38.9	17 800
22.0	60.5	37.8	13 800
24.0	57.2	36.5	10 500
26.0	53.8	35.1	7 900

m	°	m	kg
44,0 m			
7.3	82.9	46.0	86 400*
8.0	82.0	45.9	82 800*
9.0	80.7	45.7	77 800*
10.0	79.4	45.5	70 700
11.0	78.1	45.3	60 300
12.0	76.7	45.1	51 500
13.0	75.4	44.8	44 400
14.0	74.0	44.5	38 600
15.0	72.6	44.2	33 700
16.0	71.3	43.9	29 700
18.0	68.5	43.1	23 100
20.0	65.6	42.2	18 000
22.0	62.7	41.2	14 100
24.0	59.7	40.1	10 800
26.0	56.6	38.8	8 100
28.0	53.4	37.3	5 900



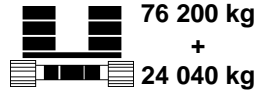
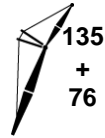
m	°	m	kg
47,0 m			
7.9	82.6	49.0	79 700*
8.0	82.5	48.9	79 300*
9.0	81.3	48.8	74 500*
10.0	80.1	48.6	69 700*
11.0	78.8	48.4	60 500
12.0	77.6	48.2	51 700
13.0	76.3	47.9	44 500
14.0	75.1	47.7	38 700
15.0	73.8	47.4	33 900
16.0	72.5	47.0	29 800
18.0	69.9	46.3	23 200
20.0	67.3	45.5	18 200
22.0	64.6	44.6	14 100
24.0	61.8	43.5	10 900
26.0	59.0	42.4	8 200






m	°	m	kg
50,0 m			
8.5	82.4	51.9	73 600*
9.0	81.8	51.8	71 700*
10.0	80.7	51.7	67 800*
11.0	79.5	51.5	60 700
12.0	78.3	51.3	51 800
13.0	77.2	51.0	44 700
14.0	76.0	50.8	38 900
15.0	74.8	50.5	34 000
16.0	73.6	50.2	29 900
18.0	71.2	49.5	23 300
20.0	68.7	48.8	18 300
22.0	66.2	47.9	14 200
24.0	63.7	46.9	11 000
26.0	61.1	45.9	8 300

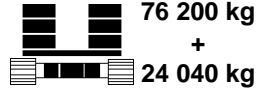
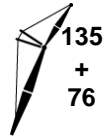
m	°	m	kg
53,0 m			
8.5	82.8	54.9	70 900*
9.0	82.3	54.9	69 100*
10.0	81.2	54.7	65 300*
11.0	80.1	54.5	60 900
12.0	79.0	54.3	52 000
13.0	77.9	54.1	44 800
14.0	76.8	53.9	39 000
15.0	75.7	53.6	34 100
16.0	74.5	53.3	29 900
18.0	72.3	52.7	23 300
20.0	70.0	52.0	18 300
22.0	67.7	51.2	14 300
24.0	65.3	50.3	11 000
26.0	62.9	49.3	8 300

14000 S-2

ANSI B30.5



 m	 °	 m	 kg
 56,0 m			
9.1	82.6	57.9	61 900*
10.0	81.7	57.7	59 200*
11.0	80.6	57.6	56 200*
12.0	79.6	57.4	52 000
13.0	78.6	57.2	45 300
14.0	77.5	57.0	39 100
15.0	76.4	56.7	34 200
16.0	75.4	56.5	30 000
18.0	73.3	55.9	23 400
20.0	71.1	55.2	18 300
22.0	68.9	54.4	14 400
24.0	66.7	53.6	11 100
26.0	64.4	52.7	8 400



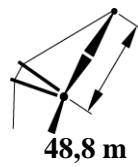
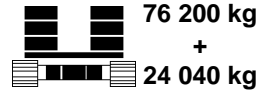
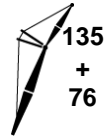
m	°	m	kg
20,0 m			
4.6	82.3	22.2	167 000*
5.0	81.1	22.1	152 200*
6.0	78.1	21.9	125 300*
7.0	75.2	21.6	104 400*
8.0	72.2	21.3	88 400*
9.0	69.1	20.9	75 700*
10.0	65.9	20.4	64 600
11.0	62.7	19.9	53 300
12.0	59.4	19.3	44 700
13.0	55.9	18.6	37 800

m	°	m	kg
23,0 m			
4.9	82.6	25.1	146 700*
5.0	82.2	25.1	145 800*
6.0	79.7	24.9	125 900*
7.0	77.2	24.7	105 300*
8.0	74.6	24.4	89 400*
9.0	71.9	24.1	76 700*
10.0	69.3	23.7	66 000
11.0	66.6	23.3	54 700
12.0	63.8	22.8	46 100
13.0	60.9	22.2	39 100
14.0	58.0	21.6	33 500
15.0	54.9	20.9	28 800

m	°	m	kg
26,0 m			
5.2	82.7	28.1	133 900*
6.0	80.9	28.0	126 500*
7.0	78.7	27.8	106 100*
8.0	76.4	27.5	90 200*
9.0	74.1	27.2	77 600*
10.0	71.8	26.9	67 000
11.0	69.4	26.5	55 900
12.0	67.0	26.1	47 200
13.0	64.6	25.6	40 300
14.0	62.1	25.1	34 600
15.0	59.5	24.5	29 900
16.0	56.9	23.8	25 800

14000 S-2

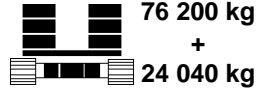
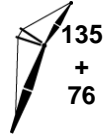
ANSI B30.5



m	°	m	kg
29,0 m			
5.5	82.9	31.1	129 000*
6.0	81.9	31.0	125 400*
7.0	79.8	30.9	106 500*
8.0	77.8	30.6	90 600*
9.0	75.8	30.4	78 100*
10.0	73.7	30.1	67 600
11.0	71.6	29.7	56 700
12.0	69.5	29.4	48 100
13.0	67.4	28.9	41 000
14.0	65.2	28.5	35 400
15.0	63.0	28.0	30 600
16.0	60.7	27.4	26 600
18.0	56.0	26.1	20 100

m	°	m	kg
32,0 m			
6.1	82.4	34.1	116 800*
7.0	80.8	33.9	107 700*
8.0	79.0	33.7	91 200*
9.0	77.2	33.5	78 700*
10.0	75.3	33.2	68 200
11.0	73.4	32.9	57 500
12.0	71.5	32.6	48 800
13.0	69.6	32.2	41 800
14.0	67.7	31.8	36 100
15.0	65.7	31.3	31 300
16.0	63.7	30.8	27 300
18.0	59.6	29.7	20 800
20.0	55.3	28.4	15 900

m	°	m	kg
35,0 m			
6.7	82.1	37.0	109 100*
7.0	81.6	37.0	105 600*
8.0	79.9	36.8	91 400*
9.0	78.3	36.6	78 900*
10.0	76.6	36.3	68 500
11.0	74.9	36.0	58 000
12.0	73.2	35.7	49 300
13.0	71.4	35.4	42 300
14.0	69.7	35.0	36 500
15.0	67.9	34.6	31 700
16.0	66.1	34.2	27 700
18.0	62.5	33.2	21 200
20.0	58.7	32.0	16 300
22.0	54.7	30.6	12 300



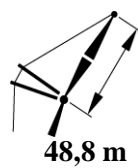
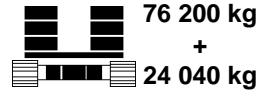
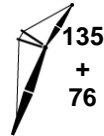
m	°	m	kg
38,0 m			
6.7	82.7	40.0	102 200*
7.0	82.3	40.0	100 200*
8.0	80.8	39.8	91 800*
9.0	79.2	39.6	79 100*
10.0	77.7	39.4	68 800
11.0	76.1	39.2	58 500
12.0	74.6	38.9	49 800
13.0	73.0	38.6	42 700
14.0	71.4	38.2	37 000
15.0	69.8	37.8	32 200
16.0	68.1	37.4	28 100
18.0	64.8	36.5	21 600
20.0	61.4	35.5	16 600
22.0	57.9	34.2	12 600
24.0	54.2	32.8	9 400

m	°	m	kg
41,0 m			
7.3	82.4	43.0	94 700*
8.0	81.4	42.9	90 100*
9.0	80.0	42.7	79 300*
10.0	78.6	42.5	69 000
11.0	77.2	42.2	58 800
12.0	75.7	42.0	50 100
13.0	74.3	41.7	43 000
14.0	72.8	41.4	37 200
15.0	71.3	41.0	32 400
16.0	69.8	40.7	28 400
18.0	66.8	39.8	21 800
20.0	63.7	38.9	16 800
22.0	60.5	37.8	12 900
24.0	57.2	36.5	9 700
26.0	53.8	35.1	7 000

m	°	m	kg
44,0 m			
7.3	82.9	46.0	85 300*
8.0	82.0	45.9	81 700*
9.0	80.7	45.7	76 600*
10.0	79.4	45.5	69 500
11.0	78.1	45.3	59 100
12.0	76.7	45.1	50 400
13.0	75.4	44.8	43 300
14.0	74.0	44.5	37 600
15.0	72.6	44.2	32 800
16.0	71.3	43.9	28 700
18.0	68.5	43.1	22 100
20.0	65.6	42.2	17 100
22.0	62.7	41.2	13 200
24.0	59.7	40.1	10 000
26.0	56.6	38.8	7 300

14000 S-2

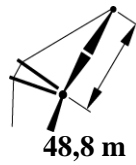
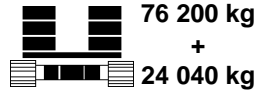
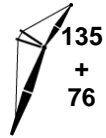
ANSI B30.5



m	°	m	kg
47,0 m			
7.9	82.6	49.0	78 600*
8.0	82.5	48.9	78 200*
9.0	81.3	48.8	73 400*
10.0	80.1	48.6	68 500*
11.0	78.8	48.4	59 400
12.0	77.6	48.2	50 600
13.0	76.3	47.9	43 500
14.0	75.1	47.7	37 800
15.0	73.8	47.4	32 900
16.0	72.5	47.0	28 800
18.0	69.9	46.3	22 300
20.0	67.3	45.5	17 300
22.0	64.6	44.6	13 300
24.0	61.8	43.5	10 100
26.0	59.0	42.4	7 400

m	°	m	kg
50,0 m			
8.5	82.4	51.9	72 600*
9.0	81.8	51.8	70 700*
10.0	80.7	51.7	66 700*
11.0	79.5	51.5	59 600
12.0	78.3	51.3	50 800
13.0	77.2	51.0	43 600
14.0	76.0	50.8	37 900
15.0	74.8	50.5	33 100
16.0	73.6	50.2	29 000
18.0	71.2	49.5	22 400
20.0	68.7	48.8	17 400
22.0	66.2	47.9	13 400
24.0	63.7	46.9	10 200

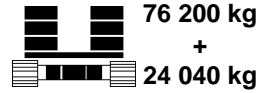
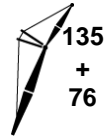
m	°	m	kg
53,0 m			
8.5	82.8	54.9	69 900*
9.0	82.3	54.9	68 100*
10.0	81.2	54.7	64 300*
11.0	80.1	54.5	59 900
12.0	79.0	54.3	50 900
13.0	77.9	54.1	43 800
14.0	76.8	53.9	38 000
15.0	75.7	53.6	33 200
16.0	74.5	53.3	29 100
18.0	72.3	52.7	22 500
20.0	70.0	52.0	17 400
22.0	67.7	51.2	13 500
24.0	65.3	50.3	10 200



9.1	82.6	57.9	60 900*
10.0	81.7	57.7	58 200*
11.0	80.6	57.6	55 200*
12.0	79.6	57.4	51 000
13.0	78.6	57.2	44 400
14.0	77.5	57.0	38 100
15.0	76.4	56.7	33 300
16.0	75.4	56.5	29 100
18.0	73.3	55.9	22 600
20.0	71.1	55.2	17 500
22.0	68.9	54.4	13 500
24.0	66.7	53.6	10 300

14000 S-2

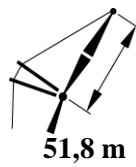
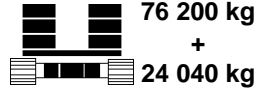
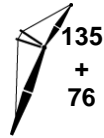
ANSI B30.5



m	°	m	kg
 20,0 m			
4.6	82.3	22.2	165 700*
5.0	81.1	22.1	151 000*
6.0	78.1	21.9	123 700*
7.0	75.2	21.6	102 800*
8.0	72.2	21.3	86 800*
9.0	69.1	20.9	74 200*
10.0	65.9	20.4	62 900
11.0	62.7	19.9	51 800
12.0	59.4	19.3	43 200
13.0	55.9	18.6	36 400

m	°	m	kg
 23,0 m			
4.9	82.6	25.1	145 600*
5.0	82.2	25.1	144 700*
6.0	79.7	24.9	124 600*
7.0	77.2	24.7	103 800*
8.0	74.6	24.4	87 900*
9.0	71.9	24.1	75 300*
10.0	69.3	23.7	64 500
11.0	66.6	23.3	53 300
12.0	63.8	22.8	44 800
13.0	60.9	22.2	37 900
14.0	58.0	21.6	32 300
15.0	54.9	20.9	27 600

m	°	m	kg
 26,0 m			
5.2	82.7	28.1	132 900*
6.0	80.9	28.0	125 400*
7.0	78.7	27.8	104 600*
8.0	76.4	27.5	88 800*
9.0	74.1	27.2	76 200*
10.0	71.8	26.9	65 600
11.0	69.4	26.5	54 600
12.0	67.0	26.1	46 000
13.0	64.6	25.6	39 100
14.0	62.1	25.1	33 400
15.0	59.5	24.5	28 700
16.0	56.9	23.8	24 700



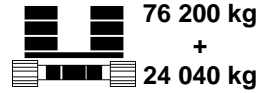
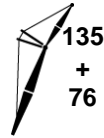
m	°	m	kg
 29,0 m			
5.5	82.9	31.1	127 900*
6.0	81.9	31.0	124 400*
7.0	79.8	30.9	105 100*
8.0	77.8	30.6	89 300*
9.0	75.8	30.4	76 800*
10.0	73.7	30.1	66 300
11.0	71.6	29.7	55 500
12.0	69.5	29.4	46 900
13.0	67.4	28.9	39 900
14.0	65.2	28.5	34 300
15.0	63.0	28.0	29 600
16.0	60.7	27.4	25 500
18.0	56.0	26.1	19 100

m	°	m	kg
 32,0 m			
6.1	82.4	34.1	115 900*
7.0	80.8	33.9	106 600*
8.0	79.0	33.7	89 900*
9.0	77.2	33.5	77 400*
10.0	75.3	33.2	67 000
11.0	73.4	32.9	56 300
12.0	71.5	32.6	47 700
13.0	69.6	32.2	40 700
14.0	67.7	31.8	35 100
15.0	65.7	31.3	30 300
16.0	63.7	30.8	26 300
18.0	59.6	29.7	19 900
20.0	55.3	28.4	15 000

m	°	m	kg
 35,0 m			
6.7	82.1	37.0	108 100*
7.0	81.6	37.0	104 500*
8.0	79.9	36.8	90 100*
9.0	78.3	36.6	77 700*
10.0	76.6	36.3	67 400
11.0	74.9	36.0	56 900
12.0	73.2	35.7	48 200
13.0	71.4	35.4	41 200
14.0	69.7	35.0	35 600
15.0	67.9	34.6	30 800
16.0	66.1	34.2	26 800
18.0	62.5	33.2	20 300
20.0	58.7	32.0	15 400
22.0	54.7	30.6	11 500

14000 S-2

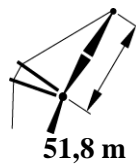
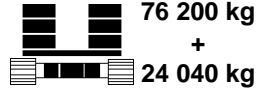
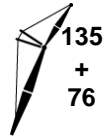
ANSI B30.5



m	°	m	kg
38,0 m			
6.7	82.7	40.0	101 300*
7.0	82.3	40.0	99 200*
8.0	80.8	39.8	90 600*
9.0	79.2	39.6	77 900*
10.0	77.7	39.4	67 700
11.0	76.1	39.2	57 400
12.0	74.6	38.9	48 700
13.0	73.0	38.6	41 700
14.0	71.4	38.2	36 000
15.0	69.8	37.8	31 200
16.0	68.1	37.4	27 200
18.0	64.8	36.5	20 700
20.0	61.4	35.5	15 800
22.0	57.9	34.2	11 800
24.0	54.2	32.8	8 600

m	°	m	kg
41,0 m			
7.3	82.4	43.0	93 800*
8.0	81.4	42.9	89 000*
9.0	80.0	42.7	78 200*
10.0	78.6	42.5	67 900
11.0	77.2	42.2	57 700
12.0	75.7	42.0	49 000
13.0	74.3	41.7	42 000
14.0	72.8	41.4	36 300
15.0	71.3	41.0	31 500
16.0	69.8	40.7	27 500
18.0	66.8	39.8	21 000
20.0	63.7	38.9	16 000
22.0	60.5	37.8	12 100
24.0	57.2	36.5	8 900

m	°	m	kg
44,0 m			
7.3	82.9	46.0	84 400*
8.0	82.0	45.9	80 700*
9.0	80.7	45.7	75 700*
10.0	79.4	45.5	68 400
11.0	78.1	45.3	58 100
12.0	76.7	45.1	49 400
13.0	75.4	44.8	42 300
14.0	74.0	44.5	36 600
15.0	72.6	44.2	31 900
16.0	71.3	43.9	27 800
18.0	68.5	43.1	21 300
20.0	65.6	42.2	16 400
22.0	62.7	41.2	12 400
24.0	59.7	40.1	9 200



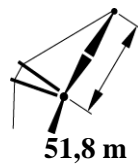
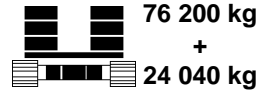
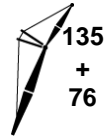
m	°	m	kg
 47,0 m			
7.9	82.6	49.0	77 700*
8.0	82.5	48.9	77 400*
9.0	81.3	48.8	72 500*
10.0	80.1	48.6	67 600*
11.0	78.8	48.4	58 400
12.0	77.6	48.2	49 700
13.0	76.3	47.9	42 600
14.0	75.1	47.7	36 900
15.0	73.8	47.4	32 100
16.0	72.5	47.0	28 000
18.0	69.9	46.3	21 500
20.0	67.3	45.5	16 500
22.0	64.6	44.6	12 600
24.0	61.8	43.5	9 400

m	°	m	kg
 50,0 m			
8.5	82.4	51.9	71 800*
9.0	81.8	51.8	69 800*
10.0	80.7	51.7	65 900*
11.0	79.5	51.5	58 600
12.0	78.3	51.3	49 900
13.0	77.2	51.0	42 800
14.0	76.0	50.8	37 000
15.0	74.8	50.5	32 200
16.0	73.6	50.2	28 200
18.0	71.2	49.5	21 600
20.0	68.7	48.8	16 700
22.0	66.2	47.9	12 700
24.0	63.7	46.9	9 500

m	°	m	kg
 53,0 m			
8.5	82.8	54.9	69 100*
9.0	82.3	54.9	67 200*
10.0	81.2	54.7	63 500*
11.0	80.1	54.5	58 900
12.0	79.0	54.3	50 000
13.0	77.9	54.1	42 900
14.0	76.8	53.9	37 200
15.0	75.7	53.6	32 300
16.0	74.5	53.3	28 300
18.0	72.3	52.7	21 700
20.0	70.0	52.0	16 700
22.0	67.7	51.2	12 800
24.0	65.3	50.3	9 600

14000 S-2

ANSI B30.5



<p>56,0 m</p>			
9.1	82.6	57.9	60 100*
10.0	81.7	57.7	57 400*
11.0	80.6	57.6	54 400*
12.0	79.6	57.4	50 200
13.0	78.6	57.2	43 500
14.0	77.5	57.0	37 300
15.0	76.4	56.7	32 500
16.0	75.4	56.5	28 400
18.0	73.3	55.9	21 900
20.0	71.1	55.2	16 900
22.0	68.9	54.4	12 900
24.0	66.7	53.6	9 700