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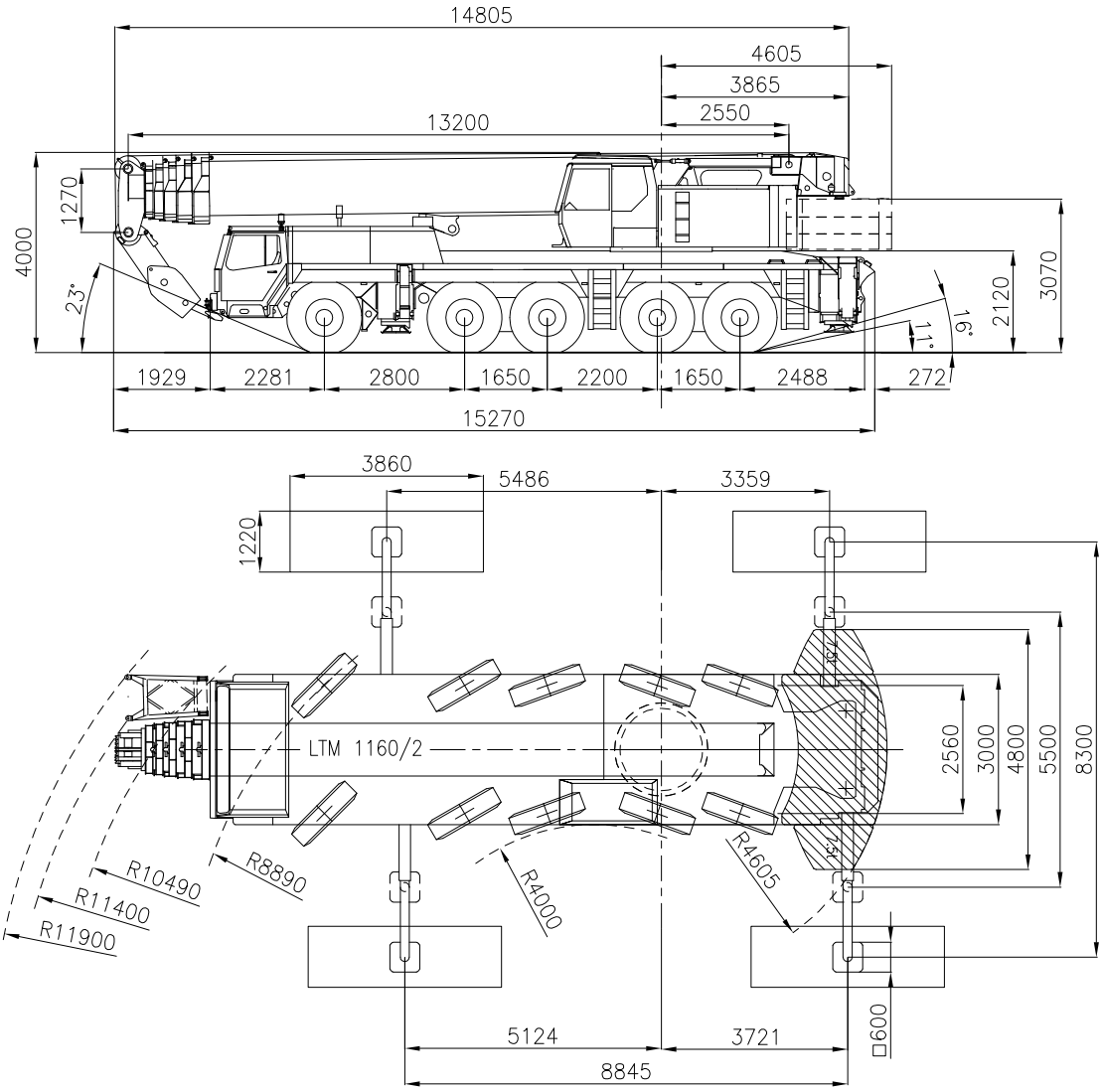
LIEBHERR LTM 1160/2

160/180 TON

1/150



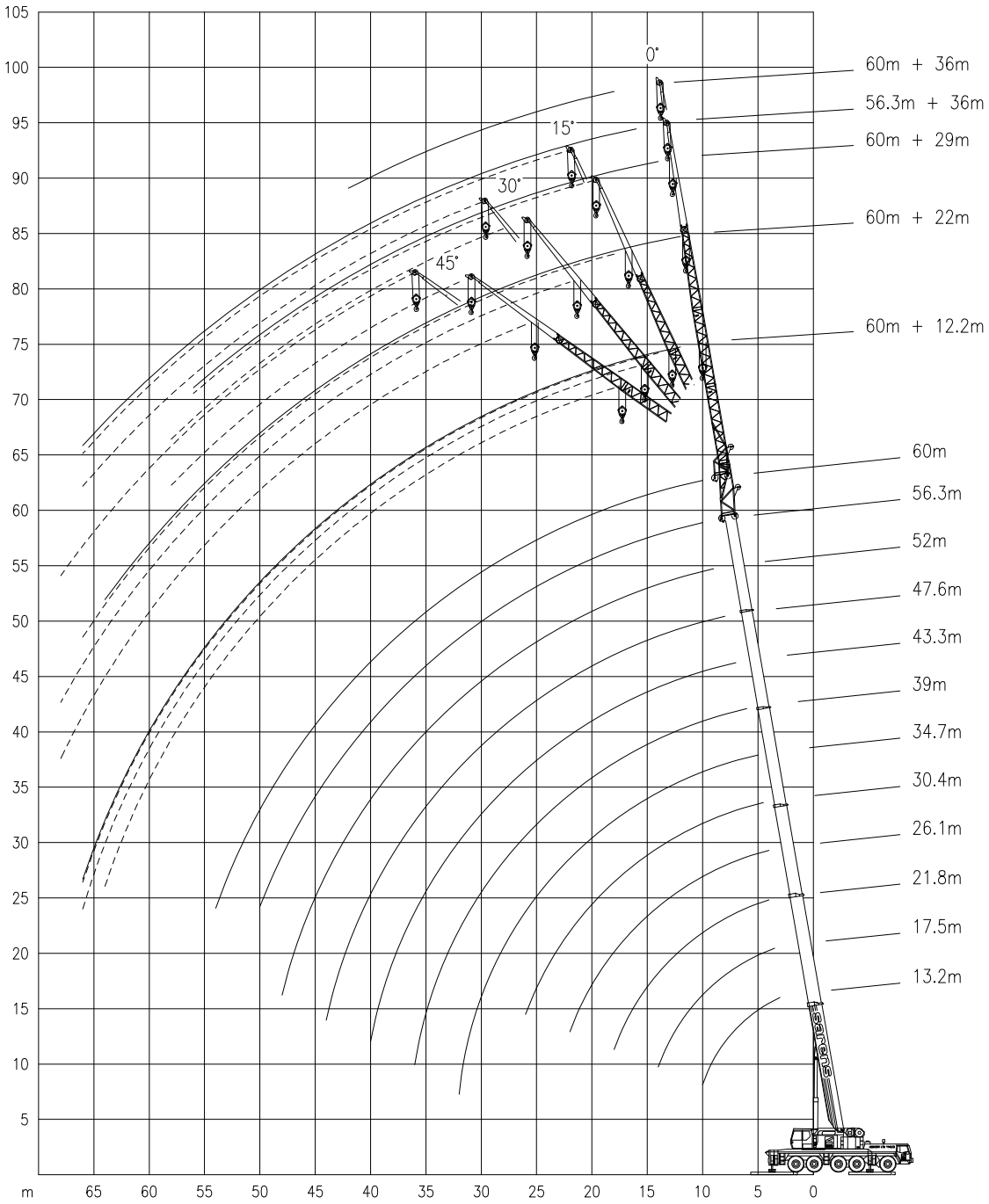
Axle load / Charge par essieu / Achslast / Aslast	:	5 x 12 t	(0 t)
Total weight / Poids total / Gesamtgewicht / Totaal gewicht	:	60 t	(0 t)

LIEBHERR LTM 1160/2 160/180 TON

Working ranges
Portées

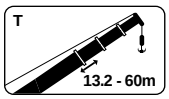
Arbeitsbereiche
Werkbereik

T / TK



LIEBHERR LTM 1160/2 160/180 TON

Lifting capacities at main boom
Capacités à la fleche principale
Tragfähigkeiten am Hauptausleger
Capaciteiten aan de hoofdgiek



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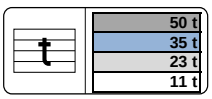
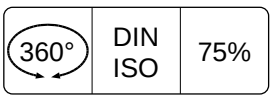


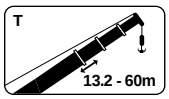


m	13.2 m	17.5 m	21.8 m	26.1 m	30.4 m	34.7 m	39.0 m	43.3 m	47.6 m	52.0 m	56.3 m	60.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
3.0	130.0	-	-	-	-	-	-	-	-	-	-	-
3.5	122.0	115.0	-	-	-	-	-	-	-	-	-	-
4.0	112.0	104.0	98.0	86.0	-	-	-	-	-	-	-	-
4.5	103.0	96.0	89.0	81.0	70.0	-	-	-	-	-	-	-
5.0	96.0	91.0	84.0	77.0	67.0	55.0	-	-	-	-	-	-
6.0	83.0	82.0	76.0	68.0	62.0	53.0	46.0	-	-	-	-	-
7.0	73.0	73.0	70.0	61.0	56.0	49.5	43.5	37.0	-	-	-	-
8.0	65.0	64.0	63.0	56.0	51.0	46.0	41.0	35.5	30.0	-	-	-
9.0	57.0	57.0	56.0	51.0	46.0	42.5	38.5	33.5	28.9	24.4	-	-
10.0	50.0	51.0	50.0	46.5	42.0	39.5	36.0	31.5	27.6	23.5	19.5	15.0
12.0	-	41.5	40.0	39.5	36.0	33.0	31.5	27.9	25.1	21.6	18.5	14.3
14.0	-	34.0	33.0	32.5	31.0	28.7	27.4	25.0	22.8	19.8	17.2	13.3
16.0	-	-	27.5	26.9	27.1	25.4	24.2	22.6	20.9	18.3	15.9	12.3
18.0	-	-	23.1	22.6	22.7	23.0	21.5	20.4	19.1	16.9	14.7	11.4
20.0	-	-	-	19.1	19.2	19.7	19.4	18.5	17.4	15.7	13.6	10.5
22.0	-	-	-	16.2	16.3	16.8	17.4	16.8	15.9	14.6	12.6	9.8
24.0	-	-	-	-	14.0	14.4	15.0	15.2	14.6	13.6	11.8	9.1
26.0	-	-	-	-	12.1	12.5	13.1	13.3	13.3	12.6	11.1	8.5
28.0	-	-	-	-	-	10.9	11.5	11.6	12.1	11.6	10.4	7.8
30.0	-	-	-	-	-	9.4	10.6	10.2	10.8	10.6	9.8	7.3
32.0	-	-	-	-	-	7.8	9.9	9.0	9.6	9.7	9.3	6.8
34.0	-	-	-	-	-	-	9.1	7.9	8.5	8.7	8.8	6.3
36.0	-	-	-	-	-	-	7.5	7.2	7.5	7.8	8.2	5.9
38.0	-	-	-	-	-	-	-	6.9	6.7	7.0	7.4	5.5
40.0	-	-	-	-	-	-	-	6.7	6.0	6.6	6.6	5.0
42.0	-	-	-	-	-	-	-	-	5.7	6.2	5.9	4.6
44.0	-	-	-	-	-	-	-	-	5.6	5.9	5.3	4.3
46.0	-	-	-	-	-	-	-	-	-	5.4	4.7	3.9
48.0	-	-	-	-	-	-	-	-	-	4.9	4.2	3.6
50.0	-	-	-	-	-	-	-	-	-	-	3.7	3.4
52.0	-	-	-	-	-	-	-	-	-	-	-	3.1
54.0	-	-	-	-	-	-	-	-	-	-	-	2.9

m	13.2 m	17.5 m	21.8 m	26.1 m	30.4 m	34.7 m	39.0 m	43.3 m	47.6 m	52.0 m	56.3 m	60.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
3.0	130.0	-	-	-	-	-	-	-	-	-	-	-
3.5	121.0	115.0	-	-	-	-	-	-	-	-	-	-
4.0	111.0	104.0	98.0	86.0	-	-	-	-	-	-	-	-
4.5	102.0	96.0	89.0	81.0	70.0	-	-	-	-	-	-	-
5.0	94.0	91.0	84.0	77.0	67.0	55.0	-	-	-	-	-	-
6.0	81.0	81.0	76.0	68.0	62.0	53.0	46.0	-	-	-	-	-
7.0	70.0	70.0	69.0	61.0	56.0	49.5	43.5	37.0	-	-	-	-
8.0	61.0	61.0	60.0	56.0	51.0	46.0	41.0	35.5	30.0	-	-	-
9.0	54.0	53.0	52.0	51.0	46.0	42.5	38.5	33.5	28.9	24.4	-	-
10.0	47.5	47.0	45.5	45.5	42.0	39.5	36.0	31.5	27.6	23.5	19.5	15.0
12.0	-	37.0	36.0	35.0	34.0	33.0	31.5	27.9	25.1	21.6	18.5	14.3
14.0	-	31.0	28.0	27.7	27.1	26.8	26.7	25.0	22.8	19.8	17.2	13.3
16.0	-	-	22.1	21.9	22.2	22.1	22.2	21.9	20.9	18.3	15.9	12.3
18.0	-	-	19.1	17.7	18.0	18.5	18.7	18.5	18.8	16.9	14.7	11.4
20.0	-	-	-	14.5	14.8	15.3	15.8	15.7	16.1	15.7	13.6	10.5
22.0	-	-	-	12.6	13.3	12.8	14.5	13.5	13.9	13.9	12.6	9.8
24.0	-	-	-	-	12.2	10.7	13.2	12.2	12.1	12.1	11.8	9.1
26.0	-	-	-	-	11.3	9.7	11.4	11.0	10.5	11.0	10.9	8.5
28.0	-	-	-	-	-	9.0	10.0	10.0	9.6	10.2	9.7	7.8
30.0	-	-	-	-	-	8.4	8.7	9.1	8.8	9.3	8.5	7.3
32.0	-	-	-	-	-	7.8	7.6	8.0	8.0	8.2	7.6	6.8
34.0	-	-	-	-	-	-	6.7	7.0	7.4	7.2	6.6	6.3
36.0	-	-	-	-	-	-	6.2	6.6	6.6	6.4	5.8	5.7
38.0	-	-	-	-	-	-	-	6.3	5.9	5.6	5.0	4.9
40.0	-	-	-	-	-	-	-	5.7	5.2	5.0	4.4	4.3
42.0	-	-	-	-	-	-	-	-	4.6	4.4	3.8	3.7
44.0	-	-	-	-	-	-	-	-	4.1	3.8	3.2	3.2
46.0	-	-	-	-	-	-	-	-	-	3.4	2.8	2.7
48.0	-	-	-	-	-	-	-	-	-	2.9	2.4	2.4
50.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0
52.0	-	-	-	-	-	-	-	-	-	-	-	1.6
54.0	-	-	-	-	-	-	-	-	-	-	-	1.3

LIEBHERR LTM 1160/2 160/180 TON

Lifting capacities at main boom
Capacités à la fleche principale
Tragfähigkeiten am Hauptausleger
Capaciteiten aan de hoofdgiek



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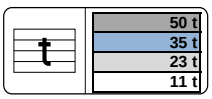
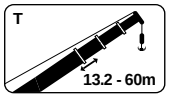


360° DIN ISO 75%

m	13.2 m	17.5 m	21.8 m	26.1 m	30.4 m	34.7 m	39.0 m	43.3 m	47.6 m	52.0 m	56.3 m	60.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
3.0	130.0	-	-	-	-	-	-	-	-	-	-	-
3.5	119.0	115.0	-	-	-	-	-	-	-	-	-	-
4.0	109.0	104.0	98.0	86.0	-	-	-	-	-	-	-	-
4.5	100.0	96.0	89.0	81.0	70.0	-	-	-	-	-	-	-
5.0	92.0	91.0	84.0	77.0	67.0	55.0	-	-	-	-	-	-
6.0	78.0	78.0	76.0	68.0	62.0	53.0	46.0	-	-	-	-	-
7.0	67.0	66.0	65.0	60.0	56.0	49.5	43.5	37.0	-	-	-	-
8.0	57.0	57.0	54.0	50.0	47.0	45.5	41.0	35.5	30.0	-	-	-
9.0	49.0	48.5	45.0	42.0	40.0	39.0	38.0	33.5	28.9	24.4	-	-
10.0	42.0	42.0	38.5	36.0	34.5	33.5	33.0	31.5	27.6	23.5	19.5	15.0
12.0	-	32.5	29.2	27.4	26.3	25.9	25.7	25.1	25.1	21.6	18.5	14.3
14.0	-	24.9	23.3	21.1	20.4	20.3	22.0	20.0	20.3	19.8	17.2	13.3
16.0	-	-	20.3	16.6	18.1	16.2	19.0	18.1	16.6	16.5	15.9	12.3
18.0	-	-	16.5	14.9	16.2	14.2	15.9	15.9	14.4	14.8	14.1	11.4
20.0	-	-	-	13.6	14.1	12.8	13.5	13.5	13.2	13.0	11.9	10.5
22.0	-	-	-	12.6	11.9	11.6	11.5	11.7	11.8	11.2	10.2	9.8
24.0	-	-	-	-	10.1	10.5	9.7	10.6	10.3	9.7	8.8	8.6
26.0	-	-	-	-	8.7	9.1	8.5	9.5	9.0	8.5	7.5	7.4
28.0	-	-	-	-	-	8.3	7.7	8.3	7.9	7.4	6.5	6.3
30.0	-	-	-	-	-	7.6	7.1	7.2	6.8	6.4	5.6	5.4
32.0	-	-	-	-	-	6.7	6.4	6.3	5.8	5.5	4.7	4.6
34.0	-	-	-	-	-	-	5.6	5.5	5.0	4.7	3.9	3.8
36.0	-	-	-	-	-	-	4.9	4.8	4.3	4.0	3.2	3.1
38.0	-	-	-	-	-	-	-	4.2	3.7	3.4	2.7	2.6
40.0	-	-	-	-	-	-	-	3.7	3.2	2.9	2.2	2.1
42.0	-	-	-	-	-	-	-	-	2.7	2.4	1.8	1.7
44.0	-	-	-	-	-	-	-	-	2.3	2.0	1.4	1.4
46.0	-	-	-	-	-	-	-	-	-	1.6	1.1	-
48.0	-	-	-	-	-	-	-	-	-	1.3	-	-



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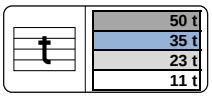


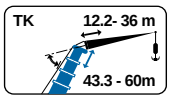
360° DIN ISO 75%

m	13.2 m	17.5 m	21.8 m	26.1 m	30.4 m	34.7 m	39.0 m	43.3 m	47.6 m	52.0 m	56.3 m	60.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
3.0	109.0	-	-	-	-	-	-	-	-	-	-	-
3.5	107.0	100.0	-	-	-	-	-	-	-	-	-	-
4.0	97.0	97.0	96.0	86.0	-	-	-	-	-	-	-	-
4.5	89.0	89.0	88.0	81.0	70.0	-	-	-	-	-	-	-
5.0	82.0	82.0	81.0	77.0	67.0	55.0	-	-	-	-	-	-
6.0	71.0	70.0	69.0	68.0	62.0	53.0	46.0	-	-	-	-	-
7.0	62.0	61.0	61.0	58.0	55.0	49.5	43.5	37.0	-	-	-	-
8.0	55.0	54.0	52.0	49.0	46.5	45.0	41.0	35.5	30.0	-	-	-
9.0	47.5	47.0	45.0	42.0	40.0	39.0	38.0	33.5	28.9	24.4	-	-
10.0	41.5	41.0	39.0	36.5	35.0	34.0	33.5	31.5	27.6	23.5	19.5	15.0
12.0	-	32.5	29.7	28.4	27.4	27.0	26.8	26.2	25.1	21.6	18.5	14.3
14.0	-	25.7	23.3	22.7	22.0	21.8	22.0	21.5	21.7	19.8	17.2	13.3
16.0	-	-	20.9	18.0	18.1	17.9	19.5	18.1	18.2	18.0	15.9	12.3
18.0	-	-	17.7	14.9	16.2	14.9	17.4	16.4	15.4	15.4	14.7	11.4
20.0	-	-	-	13.6	14.6	12.8	15.0	14.8	13.2	13.7	13.5	10.5
22.0	-	-	-	12.6	13.2	11.6	12.8	13.1	12.2	12.7	11.7	9.8
24.0	-	-	-	-	11.4	10.6	11.0	11.4	11.2	11.2	10.2	9.1
26.0	-	-	-	-	10.0	9.7	9.6	9.9	10.3	9.9	9.0	8.5
28.0	-	-	-	-	-	9.0	8.3	8.8	9.1	8.7	7.9	7.7
30.0	-	-	-	-	-	8.0	7.2	8.0	8.0	7.8	6.9	6.8
32.0	-	-	-	-	-	7.2	6.6	7.4	7.1	6.8	6.1	5.9
34.0	-	-	-	-	-	-	6.3	6.6	6.2	6.0	5.3	5.2
36.0	-	-	-	-	-	-	6.1	5.9	5.5	5.2	4.5	4.5
38.0	-	-	-	-	-	-	-	5.3	4.8	4.6	3.9	3.8
40.0	-	-	-	-	-	-	-	4.7	4.2	4.0	3.3	3.2
42.0	-	-	-	-	-	-	-	-	3.7	3.5	2.8	2.8
44.0	-	-	-	-	-	-	-	-	3.3	3.0	2.4	2.4
46.0	-	-	-	-	-	-	-	-	-	2.6	2.0	2.0
48.0	-	-	-	-	-	-	-	-	-	2.2	1.6	1.7
50.0	-	-	-	-	-	-	-	-	-	-	1.3	1.3
52.0	-	-	-	-	-	-	-	-	-	-	-	1.0

LIEBHERR LTM 1160/2 160/180 TON

Lifting capacities at folding jib
Capacités à la fléchette pliante

Tragfähigkeiten an der Klappspitze
Capaciteiten aan de klapjib



TK

360° | DIN ISO | 75%

K = 12.2 m

	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
8	17.5	-	-	-	15.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	17.5	-	-	-	15.7	-	-	-	13.4	-	-	-	-	-	-	-	-	-	-	-
10	17.5	14.0	-	-	15.5	-	-	-	13.4	-	-	-	10.5	-	-	-	-	-	-	-
12	17.0	13.1	-	-	15.3	12.5	-	-	13.2	11.0	-	-	10.3	-	-	-	7.8	-	-	-
14	16.5	12.2	9.0	-	14.8	11.9	8.8	-	12.8	11.0	8.6	-	10.0	9.5	-	-	7.6	7.0	-	-
16	15.9	11.4	8.6	7.0	14.4	11.2	8.4	6.9	12.1	10.7	8.3	6.7	9.6	9.2	8.1	-	7.3	6.8	6.5	-
18	14.7	10.7	8.2	6.8	13.8	10.5	8.1	6.7	11.4	10.2	8.0	6.6	9.1	8.7	7.8	6.4	7.0	6.6	6.1	5.5
20	13.7	10.1	7.9	6.6	12.8	10.0	7.8	6.5	10.7	9.8	7.7	6.5	8.6	8.2	7.5	6.3	6.6	6.1	5.7	5.3
22	12.7	9.6	7.6	6.4	11.9	9.5	7.6	6.4	10.1	9.3	7.5	6.4	8.1	7.7	7.3	6.2	6.1	5.7	5.4	5.1
24	11.9	9.1	7.3	6.3	11.1	9.1	7.3	6.3	9.5	8.8	7.3	6.3	7.6	7.3	7.0	6.1	5.7	5.3	5.1	4.8
26	11.1	8.7	7.1	6.2	10.3	8.7	7.1	6.2	8.8	8.2	7.1	6.2	7.2	6.8	6.6	6.0	5.3	5.0	4.8	4.6
28	10.4	8.3	6.9	6.1	9.7	8.3	6.9	6.1	8.3	7.8	6.9	6.1	6.7	6.4	6.2	5.9	4.9	4.6	4.4	4.3
30	9.7	8.0	6.7	6.0	9.0	8.0	6.7	6.0	7.7	7.3	6.7	6.0	6.3	6.0	5.9	5.7	4.6	4.3	4.2	4.1
32	9.1	7.7	6.6	6.0	8.5	7.7	6.6	6.0	7.3	6.9	6.5	5.9	6.0	5.7	5.5	5.5	4.3	4.1	3.9	3.8
34	8.3	7.4	6.4	5.9	8.0	7.5	6.5	5.9	6.8	6.6	6.3	5.9	5.6	5.4	5.3	5.2	4.0	3.8	3.7	3.6
36	7.3	7.1	6.3	5.9	7.4	7.2	6.3	5.9	6.4	6.2	6.0	5.8	5.3	5.1	5.0	4.9	3.7	3.6	3.5	3.4
38	6.4	6.8	6.2	5.9	6.7	7.0	6.2	5.9	6.0	5.9	5.8	5.7	5.0	4.8	4.7	4.7	3.5	3.4	3.3	3.2
40	5.7	6.0	6.1	5.9	5.9	6.3	6.2	5.9	5.7	5.6	5.5	5.5	4.7	4.6	4.5	4.5	3.3	3.2	3.1	3.1
42	5.0	5.3	5.5	5.6	5.2	5.5	5.8	5.8	5.3	5.3	5.3	5.3	4.5	4.3	4.3	4.3	3.1	3.0	3.0	2.9
44	4.3	4.6	4.8	4.9	4.6	4.9	5.1	5.2	4.6	5.0	5.0	5.0	4.3	4.1	4.1	4.1	2.9	2.9	2.8	2.8
46	3.8	4.0	4.1	4.2	4.0	4.3	4.5	4.6	4.1	4.3	4.6	4.7	4.1	3.9	3.9	3.9	2.6	2.7	2.7	2.7
48	3.2	3.4	3.5	3.5	3.5	3.7	3.9	3.9	3.8	3.8	4.0	4.1	3.7	3.8	3.7	3.8	2.4	2.5	2.6	2.6
50	3.0	3.0	3.1	-	3.3	3.3	3.3	3.3	3.6	3.5	3.5	3.5	3.2	3.4	3.6	3.6	2.2	2.4	2.4	2.5
52	2.9	2.9	-	-	3.1	3.1	3.1	3.1	3.4	3.3	3.3	3.4	2.9	3.0	3.2	3.2	2.0	2.2	2.3	2.3
54	-	-	-	-	2.9	2.9	2.9	-	3.1	3.2	3.2	3.2	2.6	2.7	2.8	2.9	1.8	2.0	2.1	2.2
56	-	-	-	-	-	-	-	-	2.9	3.0	3.0	3.0	2.3	2.4	2.5	2.6	1.7	1.8	1.9	2.0
58	-	-	-	-	-	-	-	-	2.6	2.7	2.7	-	2.0	2.2	2.2	2.3	1.5	1.7	1.8	1.8
60	-	-	-	-	-	-	-	-	-	-	-	-	1.8	1.9	2.0	2.0	1.4	1.5	1.6	1.6
62	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1.7	1.7	1.7	1.3	1.4	1.4	1.5
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.2	1.3	1.3
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1.1	1.2	-

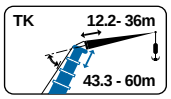
K = 22.0 m

	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
9	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7.5	-	-	-	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	7.5	-	-	-	7.0	-	-	-	6.5	-	-	-	5.7	-	-	-	4.7	-	-	-
14	7.4	6.0	-	-	6.9	-	-	-	6.4	-	-	-	5.7	-	-	-	4.6	-	-	-
16	7.2	6.0	-	-	6.8	5.8	-	-	6.3	5.5	-	-	5.6	-	-	-	4.4	-	-	-
18	7.0	5.8	-	-	6.6	5.6	-	-	6.2	5.3	-	-	5.6	5.0	-	-	4.3	4.0	-	-
20	6.7	5.6	4.6	-	6.4	5.4	4.5	-	6.0	5.1	-	-	5.5	4.8	-	-	4.1	3.8	-	-
22	6.4	5.4	4.5	-	6.2	5.2	4.4	-	5.8	5.0	4.2	-	5.4	4.7	4.0	-	3.9	3.6	3.1	-
24	6.2	5.1	4.3	3.6	5.9	5.0	4.2	3.6	5.6	4.8	4.1	3.6	5.2	4.5	3.9	-	3.8	3.4	3.0	-
26	5.9	4.9	4.2	3.6	5.7	4.8	4.1	3.6	5.4	4.7	4.0	3.5	5.0	4.4	3.8	3.4	3.6	3.3	2.9	2.7
28	5.6	4.8	4.1	3.5	5.5	4.7	4.0	3.5	5.3	4.5	3.9	3.5	4.8	4.3	3.7	3.4	3.4	3.1	2.8	2.6
30	5.4	4.6	3.9	3.5	5.3	4.5	3.9	3.5	5.1	4.4	3.8	3.4	4.6	4.2	3.7	3.3	3.2	2.9	2.6	2.5
32	5.2	4.4	3.8	3.4	5.1	4.4	3.8	3.4	4.9	4.2	3.7	3.4	4.3	4.0	3.6	3.3	3.0	2.8	2.5	2.4
34	5.0	4.3	3.8	3.4	4.9	4.2	3.7	3.4	4.7	4.1	3.6	3.3	4.1	3.8	3.5	3.3	2.8	2.7	2.4	2.3
36	4.8	4.1	3.7	3.4	4.7	4.1	3.6	3.3	4.6	4.0	3.6	3.3	3.9	3.6	3.5	3.2	2.6	2.5	2.3	2.2
38	4.6	4.0	3.6	3.3	4.6	4.0	3.6	3.3	4.5	3.9	3.5	3.3	3.7	3.4	3.3	3.2	2.5	2.4	2.2	2.1
40	4.4	3.9	3.5	3.3	4.4	3.9	3.5	3.3	4.3	3.8	3.4	3.3	3.5	3.2	3.2	3.1	2.3	2.3	2.1	2.1
42	4.3	3.8	3.5	3.3	4.3	3.8	3.4	3.3	4.0	3.7	3.4	3.2	3.3	3.1	3.0	3.0	2.2	2.1	2.1	2.0
44	4.2	3.7	3.4	3.3	4.2	3.7	3.4	3.2	3.8	3.6	3.3	3.2	3.1	2.9	2.9	2.9	2.1	2.0	2.0	1.9
46	4.0	3.6	3.4	3.3	4.0	3.6	3.4	3.2	3.6	3.4	3.3	3.2	2.9	2.8	2.8	2.8	2.0	1.9	1.9	1.9
48	3.8	3.6	3.3	3.3	3.9	3.6	3.3	3.2	3.4	3.3	3.2	3.2	2.8	2.7	2.7	2.7	1.9	1.8	1.8	1.8
50	3.3	3.5	3.3	3.3	3.5	3.5	3.3	3.2	3.3	3.2	3.1	3.1	2.7	2.6	2.6	2.6	1.8	1.7	1.7	1.7
52	3.0	3.3	3.3	3.3	3.1	3.4	3.3	3.2	3.1	3.0	3.0	3.0	2.5	2.5	2.5	2.5	1.7	1.6	1.6	1.7
54	2.7	2.9	3.1	3.2	2.8	3.0	3.3	3.2	2.8	2.9	2.9	3.0	2.4	2.4	2.4	2.4	1.6	1.6	1.5	1.6
56	2.4	2.6	2.7	2.8	2.5	2.7	2.9	3.0	2.5	2.7	2.8	2.9	2.3	2.3	2.3	2.3	1.5	1.5	1.5	1.5
58	2.1	2.3	2.4	-	2.2	2.4	2.6	2.6	2.2	2.5	2.6	2.7	2.2	2.2	2.2	2.3	1.4	1.4	1.4	1.4
60	1.9	2.0	-	-	2.0	2.2	2.3	2.3	2.1	2.2	2.4	2.4	2.0	2.2	2.2	2.2	1.3	1.4	1.3	1.4
62	-	-	-	-	1.9	1.9	2.0	-	2.0	2.0	2.1	2.1	1.8	2.0	2.1	2.2	1.1	1.3	1.3	1.3
64	-	-	-	-	1.8	1.9	-	-	1.9	2.0	2.0	2.1	1.6	1.8	1.9	2.0	1.0	1.2	1.2	1.3
66	-	-	-	-	-	-	-	-	1.9	1.9	1.9	-	1.4	1.6	1.7	1.7	-	1.1	1.1	1.1
68	-	-	-	-	-	-	-	-	1.7	1.8	-	-	1.2	1.4	1.5	1.5	-	-	1.0	1.0
70	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.2	1.2	1.2	-	-	-	-

LIEBHERR LTM 1160/2 160/180 TON

Lifting capacities at folding jib
Capacités à la fléchette pliante

Tragfähigkeiten an der Klappspitze
Capaciteiten aan de klapjib



TK

360° | DIN ISO | 75%

K = 29.0 m

m	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
12	5.2	-	-	-	4.8	-	-	-	4.4	-	-	-	-	-	-	-	-	-	-	-
14	5.2	-	-	-	4.8	-	-	-	4.4	-	-	-	4.0	-	-	-	3.2	-	-	-
16	5.1	-	-	-	4.8	-	-	-	4.4	-	-	-	4.0	-	-	-	3.1	-	-	-
18	5.0	4.4	-	-	4.7	4.1	-	-	4.3	-	-	-	3.9	-	-	-	3.0	-	-	-
20	4.9	4.4	-	-	4.6	4.1	-	-	4.2	3.8	-	-	3.8	3.4	-	-	2.9	2.7	-	-
22	4.8	4.3	-	-	4.5	4.0	-	-	4.1	3.7	-	-	3.7	3.4	-	-	2.8	2.6	-	-
24	4.7	4.2	3.2	-	4.4	3.9	3.1	-	4.0	3.6	-	-	3.6	3.3	-	-	2.7	2.5	-	-
26	4.5	4.0	3.1	-	4.2	3.8	3.0	-	3.9	3.5	2.9	-	3.5	3.2	-	-	2.6	2.4	-	-
28	4.4	3.8	2.9	2.5	4.1	3.7	2.9	-	3.8	3.4	2.8	-	3.5	3.2	2.6	-	2.5	2.2	2.0	-
30	4.2	3.6	2.8	2.5	4.0	3.5	2.8	2.4	3.7	3.3	2.7	2.4	3.4	3.1	2.6	-	2.4	2.1	1.9	-
32	4.0	3.4	2.7	2.4	3.8	3.4	2.7	2.4	3.6	3.2	2.6	2.3	3.3	3.0	2.5	2.2	2.3	2.0	1.8	1.6
34	3.9	3.3	2.6	2.4	3.7	3.2	2.6	2.3	3.5	3.1	2.5	2.3	3.1	2.9	2.4	2.2	2.2	1.9	1.7	1.6
36	3.8	3.1	2.5	2.3	3.6	3.1	2.5	2.3	3.4	3.0	2.4	2.2	3.0	2.8	2.4	2.2	2.0	1.8	1.6	1.5
38	3.6	3.0	2.5	2.2	3.5	2.9	2.4	2.2	3.3	2.9	2.4	2.2	2.8	2.7	2.3	2.1	1.9	1.7	1.5	1.4
40	3.4	2.8	2.4	2.1	3.4	2.8	2.4	2.2	3.2	2.8	2.3	2.1	2.7	2.6	2.2	2.1	1.8	1.6	1.5	1.4
42	3.2	2.7	2.3	2.1	3.3	2.7	2.3	2.1	3.1	2.7	2.2	2.1	2.5	2.4	2.2	2.1	1.7	1.5	1.4	1.3
44	3.1	2.6	2.2	2.1	3.1	2.6	2.2	2.1	3.0	2.6	2.2	2.0	2.4	2.3	2.1	2.0	1.6	1.5	1.3	1.3
46	2.9	2.5	2.2	2.0	3.0	2.5	2.2	2.0	2.9	2.5	2.1	2.0	2.3	2.2	2.1	2.0	1.5	1.4	1.3	1.2
48	2.8	2.5	2.1	2.0	2.8	2.5	2.1	2.0	2.7	2.4	2.1	2.0	2.2	2.1	2.0	2.0	1.4	1.3	1.2	1.2
50	2.7	2.4	2.1	2.0	2.7	2.4	2.1	2.0	2.6	2.4	2.1	2.0	2.1	2.0	2.0	1.9	1.3	1.2	1.2	1.1
52	2.6	2.3	2.0	2.0	2.6	2.3	2.0	2.0	2.5	2.3	2.0	2.0	2.0	1.9	1.9	1.9	1.2	1.2	1.1	1.1
54	2.5	2.3	2.0	2.0	2.5	2.3	2.0	2.0	2.3	2.3	2.0	1.9	1.9	1.8	1.8	1.9	1.1	1.1	1.1	1.0
56	2.4	2.2	2.0	2.0	2.4	2.2	2.0	2.0	2.2	2.2	1.9	1.9	1.8	1.8	1.8	1.8	1.0	1.0	1.0	1.0
58	2.2	2.2	2.0	2.0	2.2	2.2	2.0	2.0	2.1	2.1	1.9	1.9	1.7	1.7	1.7	1.7	-	-	1.0	1.0
60	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.6	1.6	1.6	1.6	-	-	-	-
62	1.7	2.0	2.0	2.0	1.8	2.1	2.0	2.0	1.7	2.0	1.9	1.9	1.6	1.5	1.5	1.6	-	-	-	-
64	1.5	1.7	1.9	-	1.6	1.8	2.0	2.0	1.5	1.8	1.9	1.9	1.5	1.5	1.5	1.5	-	-	-	-
66	1.3	1.5	1.6	-	1.4	1.6	1.7	1.8	1.4	1.6	1.8	1.9	1.4	1.4	1.4	1.5	-	-	-	-
68	-	-	-	-	1.2	1.4	1.5	-	1.3	1.4	1.5	1.6	1.2	1.4	1.4	1.4	-	-	-	-
70	-	-	-	-	1.0	1.2	1.2	-	1.3	1.2	1.3	1.3	1.0	1.2	1.3	1.4	-	-	-	-
72	-	-	-	-	-	-	-	-	1.2	1.0	1.2	-	-	1.0	1.2	1.2	-	-	-	-
74	-	-	-	-	-	-	-	-	1.1	-	1.2	-	-	-	1.0	1.0	-	-	-	-

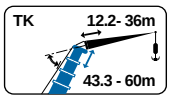
K = 36.0 m

m	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
12	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	3.4	-	-	-	3.2	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-
16	3.3	-	-	-	3.2	-	-	-	3.0	-	-	-	2.7	-	-	-	-	-	-	-
18	3.3	-	-	-	3.2	-	-	-	3.0	-	-	-	2.7	-	-	-	2.2	-	-	-
20	3.2	3.0	-	-	3.1	-	-	-	2.9	-	-	-	2.6	-	-	-	2.1	-	-	-
22	3.2	2.9	-	-	3.1	2.8	-	-	2.9	2.6	-	-	2.6	2.3	-	-	2.0	-	-	-
24	3.1	2.8	-	-	3.0	2.7	-	-	2.8	2.5	-	-	2.5	2.3	-	-	2.0	-	-	-
26	3.1	2.7	-	-	3.0	2.6	-	-	2.8	2.5	-	-	2.5	2.2	-	-	1.9	-	-	-
28	3.0	2.6	2.0	-	2.9	2.5	-	-	2.7	2.4	-	-	2.4	2.2	-	-	1.8	-	-	-
30	2.9	2.5	2.0	-	2.8	2.4	1.9	-	2.6	2.3	1.8	-	2.4	2.1	1.7	-	1.7	-	-	-
32	2.8	2.4	1.9	-	2.7	2.3	1.8	-	2.5	2.2	1.7	-	2.3	2.1	1.6	-	1.6	-	-	-
34	2.7	2.3	1.8	1.5	2.6	2.2	1.7	-	2.4	2.2	1.7	-	2.2	2.0	1.6	-	1.5	-	-	-
36	2.6	2.2	1.7	1.5	2.5	2.2	1.6	1.4	2.4	2.1	1.6	1.4	2.2	2.0	1.5	1.3	1.4	-	-	-
38	2.5	2.1	1.6	1.4	2.4	2.1	1.6	1.4	2.3	2.0	1.5	1.4	2.1	1.9	1.5	1.3	1.3	-	-	-
40	2.4	2.0	1.6	1.4	2.4	2.0	1.5	1.4	2.2	1.9	1.5	1.3	2.1	1.8	1.4	1.3	1.2	-	-	-
42	2.3	1.9	1.5	1.4	2.3	1.9	1.5	1.3	2.2	1.8	1.4	1.3	2.0	1.8	1.4	1.2	1.2	-	-	-
44	2.2	1.8	1.5	1.3	2.2	1.8	1.4	1.3	2.1	1.8	1.4	1.3	1.8	1.7	1.3	1.2	-	-	-	-
46	2.1	1.7	1.4	1.3	2.1	1.7	1.4	1.3	2.0	1.7	1.3	1.2	1.7	1.6	1.3	1.2	-	-	-	-
48	2.0	1.7	1.4	1.2	2.0	1.7	1.3	1.2	1.9	1.6	1.3	1.2	1.6	1.6	1.2	1.2	-	-	-	-
50	1.9	1.6	1.3	1.2	1.9	1.6	1.3	1.2	1.9	1.6	1.2	1.2	1.5	1.5	1.2	1.1	-	-	-	-
52	1.8	1.5	1.3	1.2	1.8	1.5	1.3	1.2	1.8	1.5	1.2	1.1	1.5	1.4	1.2	1.1	-	-	-	-
54	1.7	1.5	1.2	1.2	1.7	1.5	1.2	1.1	1.7	1.5	1.2	1.1	1.4	1.4	1.1	1.1	-	-	-	-
56	1.6	1.4	1.2	1.1	1.7	1.4	1.2	1.1	1.6	1.4	1.2	1.1	1.3	1.3	1.1	1.1	-	-	-	-
58	1.6	1.4	1.2	1.1	1.6	1.4	1.2	1.1	1.6	1.4	1.1	1.1	1.2	1.2	1.1	1.1	-	-	-	-
60	1.5	1.3	1.1	1.1	1.5	1.3	1.1	1.1	1.5	1.3	1.1	1.1	1.2	1.1	1.1	1.1	-	-	-	-
62	1.5	1.3	1.1	1.1	1.5	1.3	1.1	1.1	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	-	-	-	-
64	1.4	1.3	1.1	1.1	1.4	1.3	1.1	1.1	1.4	1.3	1.0	1.1	1.0	1.0	1.0	1.0	-	-	-	-
66	1.3	1.2	1.1	1.1	1.3	1.2	1.1	1.1	1.3	1.2	1.0	1.1	1.0	1.0	1.0	1.0	-	-	-	-
68	1.1	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.0	1.1	-	-	-	1.0	-	-	-	-
70	1.0	1.2	1.1	-	1.0	1.2	1.1	1.1	-	1.2	1.0	1.1	-	-	-	-	-	-	-	-
72	-	1.0	1.1	-	-	1.1	1.1	1.1	-	1.0	1.0	1.1	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	1.0	-	-	-	1.0	1.1	-	-	-	-	-	-	-	-

LIEBHERR LTM 1160/2 160/180 TON

Lifting capacities at folding jib
Capacités à la fléchette pliante

Tragfähigkeiten an der Klappspitze
Capaciteiten aan de klapjib



TK

K = 12.2 m

m	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
8	17.5	-	-	-	15.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	17.5	-	-	-	15.7	-	-	-	13.4	-	-	-	-	-	-	-	-	-	-	-
10	17.5	14.0	-	-	15.5	-	-	-	13.4	-	-	-	10.5	-	-	-	-	-	-	-
12	16.2	13.1	-	-	15.3	12.5	-	-	13.2	11.0	-	-	10.3	-	-	-	7.8	-	-	-
14	12.8	12.2	9.0	-	12.8	11.9	8.8	-	12.5	11.0	8.6	-	10.0	9.5	-	-	7.6	7.0	-	-
16	10.7	11.4	8.6	7.0	10.7	11.2	8.4	6.9	10.4	10.7	8.3	6.7	9.6	9.2	8.1	-	7.3	6.8	6.5	-
18	9.7	9.3	8.2	6.8	9.8	9.4	8.1	6.7	9.2	9.2	8.0	6.6	8.2	8.7	7.8	6.4	7.0	6.6	6.1	5.5
20	8.7	8.4	7.9	6.6	8.4	8.4	7.8	6.5	7.7	8.4	7.7	6.5	6.7	7.6	7.5	6.3	6.6	6.1	5.7	5.3
22	7.9	7.7	7.3	6.4	7.1	7.8	7.3	6.4	6.4	7.1	7.3	6.4	5.4	6.2	7.0	6.2	5.4	5.7	5.4	5.1
24	6.7	7.1	6.8	6.2	6.0	6.6	6.9	6.3	5.3	6.0	6.6	6.3	4.4	5.1	5.8	6.1	4.4	5.1	5.1	4.8
26	5.7	6.3	6.4	6.0	5.0	5.6	6.1	6.1	4.4	5.0	5.5	6.0	3.5	4.2	4.8	5.3	3.5	4.2	4.8	4.6
28	4.9	5.4	5.8	5.8	4.2	4.7	5.2	5.6	3.6	4.1	4.6	5.1	2.7	3.3	3.9	4.4	2.7	3.3	3.9	4.3
30	4.2	4.6	5.0	5.3	3.5	3.9	4.4	4.7	2.9	3.4	3.9	4.2	2.1	2.6	3.1	3.5	2.1	2.6	3.1	3.6
32	3.5	3.9	4.3	4.5	2.9	3.3	3.7	4.0	2.5	2.8	3.2	3.5	1.5	2.0	2.5	2.8	1.5	2.0	2.5	2.9
34	3.0	3.3	3.6	3.8	2.3	2.7	3.0	3.3	2.3	2.2	2.6	2.8	-	1.4	1.9	2.2	-	1.5	1.9	2.2
36	2.5	2.8	3.0	3.2	1.8	2.2	2.5	2.7	1.8	1.7	2.0	2.3	-	-	-	1.6	-	-	1.4	1.7
38	2.0	2.3	2.5	2.7	1.4	1.7	2.0	2.2	-	-	1.5	1.7	-	-	-	-	-	-	-	-
40	1.6	1.9	2.1	2.2	-	1.3	1.5	1.7	-	-	-	1.3	-	-	-	-	-	-	-	-
42	1.3	1.5	1.7	1.7	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
44	-	1.1	1.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

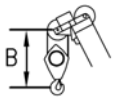
K = 22.0 m

m	43.3 m				47.6 m				52.0 m				56.3 m				60.0 m			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
9	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7.5	-	-	-	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	7.5	-	-	-	7.0	-	-	-	6.5	-	-	-	5.7	-	-	-	4.7	-	-	-
14	7.4	6.0	-	-	6.9	-	-	-	6.4	-	-	-	5.7	-	-	-	4.6	-	-	-
16	7.2	6.0	-	-	6.8	5.8	-	-	6.3	5.5	-	-	5.6	-	-	-	4.4	-	-	-
18	7.0	5.8	-	-	6.6	5.6	-	-	6.2	5.3	-	-	5.6	5.0	-	-	4.3	4.0	-	-
20	6.7	5.6	4.6	-	6.4	5.4	4.5	-	6.0	5.1	-	-	5.5	4.8	-	-	4.1	3.8	-	-
22	5.8	5.4	4.5	-	5.9	5.2	4.4	-	5.7	5.0	4.2	-	5.4	4.7	4.0	-	3.9	3.6	3.1	-
24	5.6	5.1	4.3	3.6	5.4	5.0	4.2	3.6	5.4	4.8	4.1	3.6	4.7	4.5	3.9	-	3.8	3.4	3.0	-
26	5.3	4.9	4.2	3.6	5.2	4.8	4.1	3.6	4.7	4.7	4.0	3.5	3.9	4.4	3.8	3.4	3.6	3.3	2.9	2.7
28	4.9	4.5	4.1	3.5	4.5	4.4	4.0	3.5	3.9	4.4	3.9	3.5	3.1	4.2	3.7	3.4	2.9	3.1	2.8	2.6
30	4.5	4.3	3.9	3.5	3.8	4.3	3.9	3.5	3.3	4.2	3.8	3.4	2.5	3.3	3.7	3.3	2.3	2.9	2.6	2.5
32	3.9	4.0	3.7	3.4	3.2	4.0	3.7	3.4	2.7	3.5	3.7	3.4	1.9	2.8	3.6	3.3	1.7	2.6	2.5	2.4
34	3.3	3.7	3.6	3.4	2.7	3.4	3.6	3.4	2.1	2.9	3.6	3.3	-	2.2	3.0	3.3	-	2.1	2.4	2.3
36	2.8	3.4	3.4	3.3	2.2	2.9	3.5	3.2	1.7	2.4	3.0	3.0	-	1.7	2.4	3.1	-	1.5	2.3	2.2
38	2.4	2.9	3.2	3.2	1.8	2.4	2.9	3.2	-	1.9	2.5	3.0	-	1.3	1.9	2.5	-	-	1.8	2.1
40	2.0	2.5	2.9	3.1	1.4	1.9	2.5	2.9	-	1.5	2.0	2.5	-	-	1.5	2.0	-	-	1.3	1.8
42	1.6	2.1	2.5	2.7	-	1.6	2.0	2.4	-	-	1.6	2.0	-	-	-	1.5	-	-	-	1.4
44	1.3	1.7	2.1	2.3	-	1.2	1.6	1.9	-	-	1.2	1.6	-	-	-	-	-	-	-	-
46	-	1.4	1.7	1.9	-	-	1.2	1.5	-	-	-	1.2	-	-	-	-	-	-	-	-
48	-	1.1	1.4	1.6	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	1.1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Working speeds
Vitesses de travail
Arbeitsgeschwindigkeiten
Werksnelheden

Mechanisms Mécanismes Antriebe Aandrijvingen	Speeds Vitesses Geschwindigkeiten Snelheden	Rope diameter Diamètre du câble Seildurchmesser Kabeldiameter	Single line pull Effort sur brin simple Zulässiger Seilzug je strang Toegelaten trekkracht / part	Length of ropes Longueur des cables Länge der Seile Kabellengte
Main hoist Levage sur flèche Hubwerk 1 Hijslier 1	0 – 140 m/min	23 mm	102 kN	295 m
Slewing gear Orientation Drehwerk Zwenkwerk	0 – 1.5 RPM			
Travel speed Vitesse sur route Fahrgeschwindigkeit Rijsnelheid	8 – 44 km/h 15 – 76 km/h			
Booming up Relever la flèche 83° Aufwippen Optoppen	50 sec			
Telescope Téléscoper 13.2 – 60m Teleskopieren Telescoperen	400 sec			

Hook Block / Crane hook
Crochet mouflé / Crochet simple



Unterflasche / Hakengehänge
Kraanblok / Kraanhaak

Capacity **Capacité** **Tragfähigkeit** **Capaciteit**	**Number of sheaves** **Nombre de poulies** **Anzahl der Rollen** **Aantal schijven**	**Number of lines** **Nombre de brins** **Strangzahl** **Aantal parten**	**Weight** **Poids** **Gewicht** **Gewicht**	**"B"**
SWL 68.0 t	3	7	950 kg	2.2 m
SWL 30.0 t	1	3	760 kg	2.2 m