

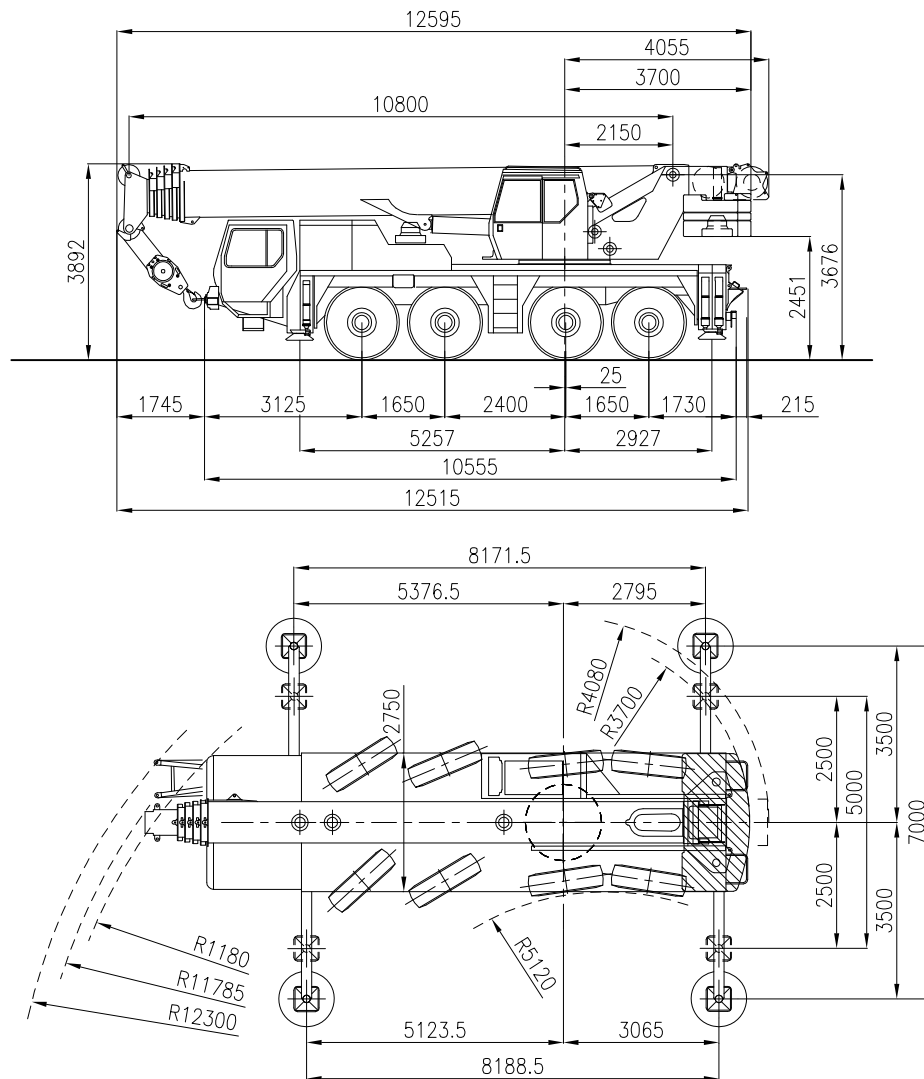


sarens
group

www.sarens.com

LIEBHERR LTM 1080/1

80 TON



Axle load / Charge par essieu / Achslast / Aslast	: 4 x 12 t	()
Total weight / Poids total / Gesamtgewicht / Totaal gewicht	: 48 t	()
Tyres / Pneus / Bereifung / Banden	: 14.00 R 25	

nothing too heavy, nothing too high





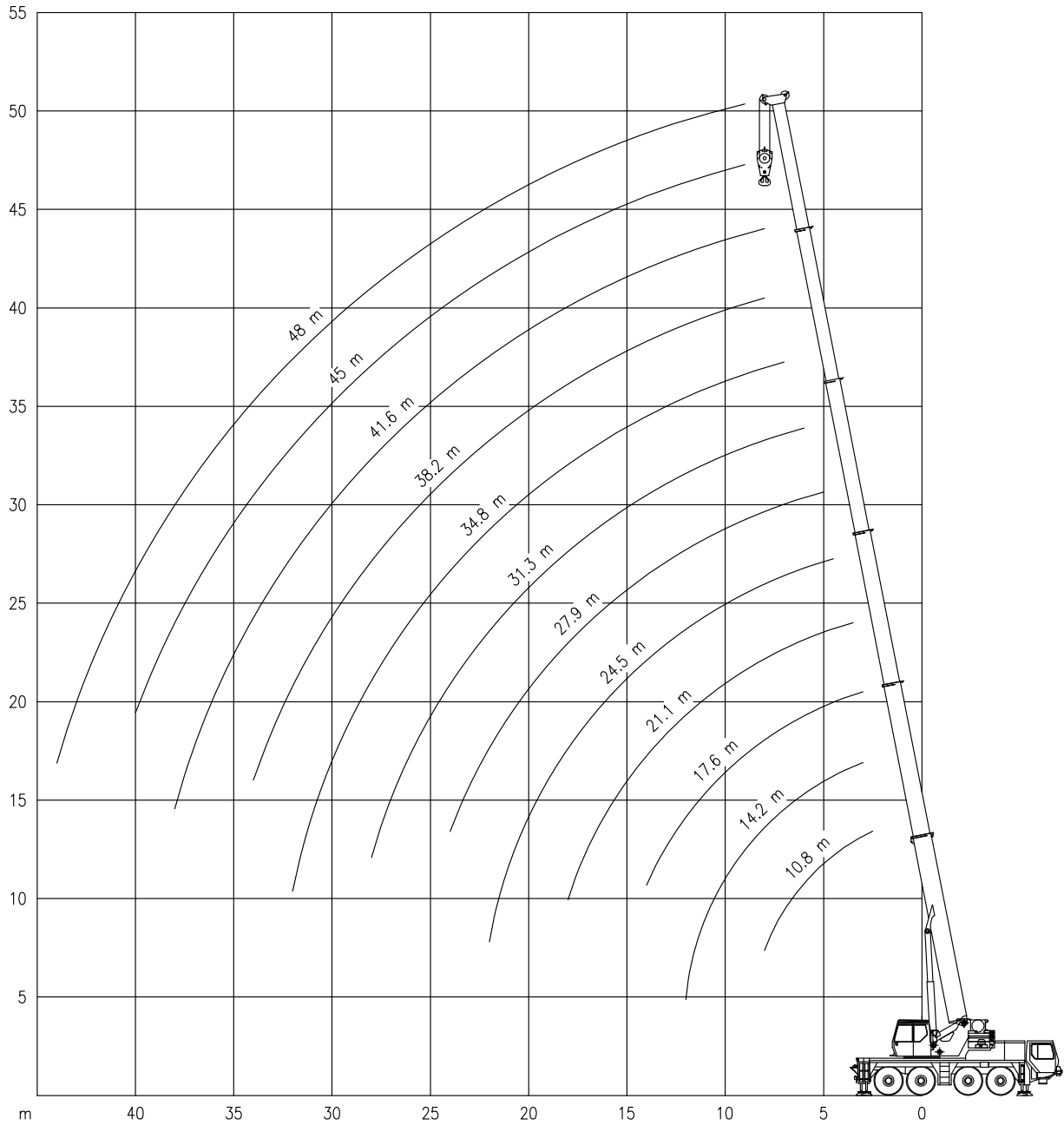
LIEBHERR LTM 1080/1

Working ranges
Portées

80 TON

Arbeitsbereiche
Werkbereich

T



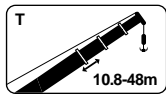


LIEBHERR LTM 1080/1

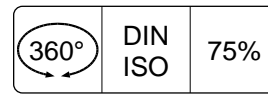
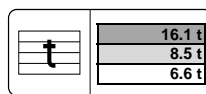
80 TON

Lifting capacities
Capacités

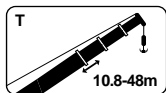
Tragfähigkeiten
Capaciteiten



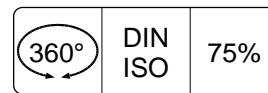
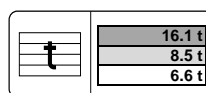
T



m	10.8 m	14.2 m	17.6 m	21.1 m	24.5 m	27.9 m	31.3 m	34.8 m	38.2 m	41.6 m	45.0 m	48.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
2.5	80.0*#	-	-	-	-	-	-	-	-	-	-	-
3.0	71.0*#	62.0*	57.0*	-	-	-	-	-	-	-	-	-
3.5	63.0*#	56.0*	53.0	46.0	-	-	-	-	-	-	-	-
4.0	57.0*#	52.0	49.5	44.0	-	-	-	-	-	-	-	-
4.5	52.0 #	47.5	46.0	42.0	35.0	-	-	-	-	-	-	-
5.0	47.0 #	44.0	43.0	40.0	33.5	27.9	-	-	-	-	-	-
6.0	39.0 #	37.5	37.0	36.5	30.5	26.1	22.6	-	-	-	-	-
7.0	33.5 #	32.5	32.5	32.0	28.0	24.5	21.2	18.2	-	-	-	-
8.0	28.9 #	28.3	27.7	27.5	25.6	22.9	19.9	17.3	15.0	12.8	-	-
9.0	-	24.6	24.1	23.8	22.9	21.0	18.7	16.5	14.3	12.3	10.8	8.7
10.0	-	21.6	21.1	20.6	19.9	19.5	17.5	15.8	13.7	11.8	10.5	8.4
12.0	-	16.1	15.7	15.5	15.5	15.3	15.2	13.8	12.4	10.9	9.6	7.7
14.0	-	-	12.1	12.0	12.1	12.2	12.3	12.1	11.1	9.8	8.6	7.2
16.0	-	-	-	9.4	9.6	9.9	10.1	10.0	10.0	8.8	7.8	6.5
18.0	-	-	-	7.6	7.9	8.0	8.3	8.3	8.5	8.0	7.1	6.0
20.0	-	-	-	-	7.1	6.5	6.9	7.0	7.2	7.2	6.5	5.5
22.0	-	-	-	-	6.3	5.6	6.3	5.8	6.1	6.2	5.9	5.1
24.0	-	-	-	-	-	5.0	5.6	5.2	5.0	5.2	5.4	4.7
26.0	-	-	-	-	-	-	4.9	4.8	4.5	4.8	4.5	4.4
28.0	-	-	-	-	-	-	4.2	4.4	4.1	4.3	3.9	3.9
30.0	-	-	-	-	-	-	-	4.1	3.8	3.7	3.4	3.4
32.0	-	-	-	-	-	-	-	3.7	3.5	3.3	3.0	2.9
34.0	-	-	-	-	-	-	-	-	3.1	2.9	2.6	2.5
36.0	-	-	-	-	-	-	-	-	-	2.6	2.3	2.2
38.0	-	-	-	-	-	-	-	-	-	2.3	2.0	1.9
40.0	-	-	-	-	-	-	-	-	-	-	1.7	1.7
44.0	-	-	-	-	-	-	-	-	-	-	-	1.2



T



m	10.8 m	14.2 m	17.6 m	21.1 m	24.5 m	27.9 m	31.3 m	34.8 m	38.2 m	41.6 m	45.0 m	48.0 m
	t	t	t	t	t	t	t	t	t	t	t	t
3.0	55.0	55.0	54.0	-	-	-	-	-	-	-	-	-
3.5	49.0	49.0	48.5	46.0	-	-	-	-	-	-	-	-
4.0	44.5	44.5	44.0	44.0	-	-	-	-	-	-	-	-
4.5	40.5	40.5	40.0	39.0	35.0	-	-	-	-	-	-	-
5.0	37.5	37.0	37.0	34.0	31.5	27.9	-	-	-	-	-	-
6.0	32.0	31.5	28.7	26.6	25.2	24.2	22.6	-	-	-	-	-
7.0	26.8	25.5	23.2	21.6	20.7	20.0	19.5	18.2	-	-	-	-
8.0	21.2	21.2	19.2	18.0	17.3	16.9	16.6	16.1	15.0	12.8	-	-
9.0	-	18.3	16.3	15.2	15.0	14.4	14.6	13.9	13.9	12.3	10.8	8.7
10.0	-	15.4	13.9	13.1	13.8	12.5	13.4	12.2	12.2	11.8	10.5	8.4
12.0	-	11.5	11.0	9.9	11.8	10.4	10.8	10.5	9.6	9.8	9.6	7.7
14.0	-	-	9.4	8.5	9.4	9.0	8.7	8.7	8.5	8.4	7.8	7.2
16.0	-	-	-	7.5	7.6	7.7	7.2	7.7	7.3	7.0	6.5	6.3
18.0	-	-	-	6.4	6.2	6.4	6.2	6.5	6.1	5.9	5.4	5.3
20.0	-	-	-	-	5.2	5.7	5.6	5.4	5.1	4.9	4.5	4.4
22.0	-	-	-	-	4.5	4.9	4.7	4.5	4.3	4.1	3.7	3.6
24.0	-	-	-	-	-	4.2	4.0	3.9	3.6	3.4	3.1	3.0
26.0	-	-	-	-	-	-	3.5	3.4	3.1	2.9	2.6	2.5
28.0	-	-	-	-	-	-	3.0	2.9	2.6	2.5	2.1	2.1
30.0	-	-	-	-	-	-	-	2.5	2.3	2.1	1.8	1.7
32.0	-	-	-	-	-	-	-	2.2	2.0	1.8	1.5	1.4
34.0	-	-	-	-	-	-	-	-	1.7	1.5	1.2	1.1
36.0	-	-	-	-	-	-	-	-	-	1.2	1.0	0.9
38.0	-	-	-	-	-	-	-	-	-	1.0	-	-

*Only with heavy duty attachment / Seulement avec dispositif pour charges lourdes / Nur mit Schwerlasteinrichtung / Alleen met zware last uitrusting
Over rear / En arrière / Nach hinten / Over achterzijde.



LIEBHERR LTM 1080/1

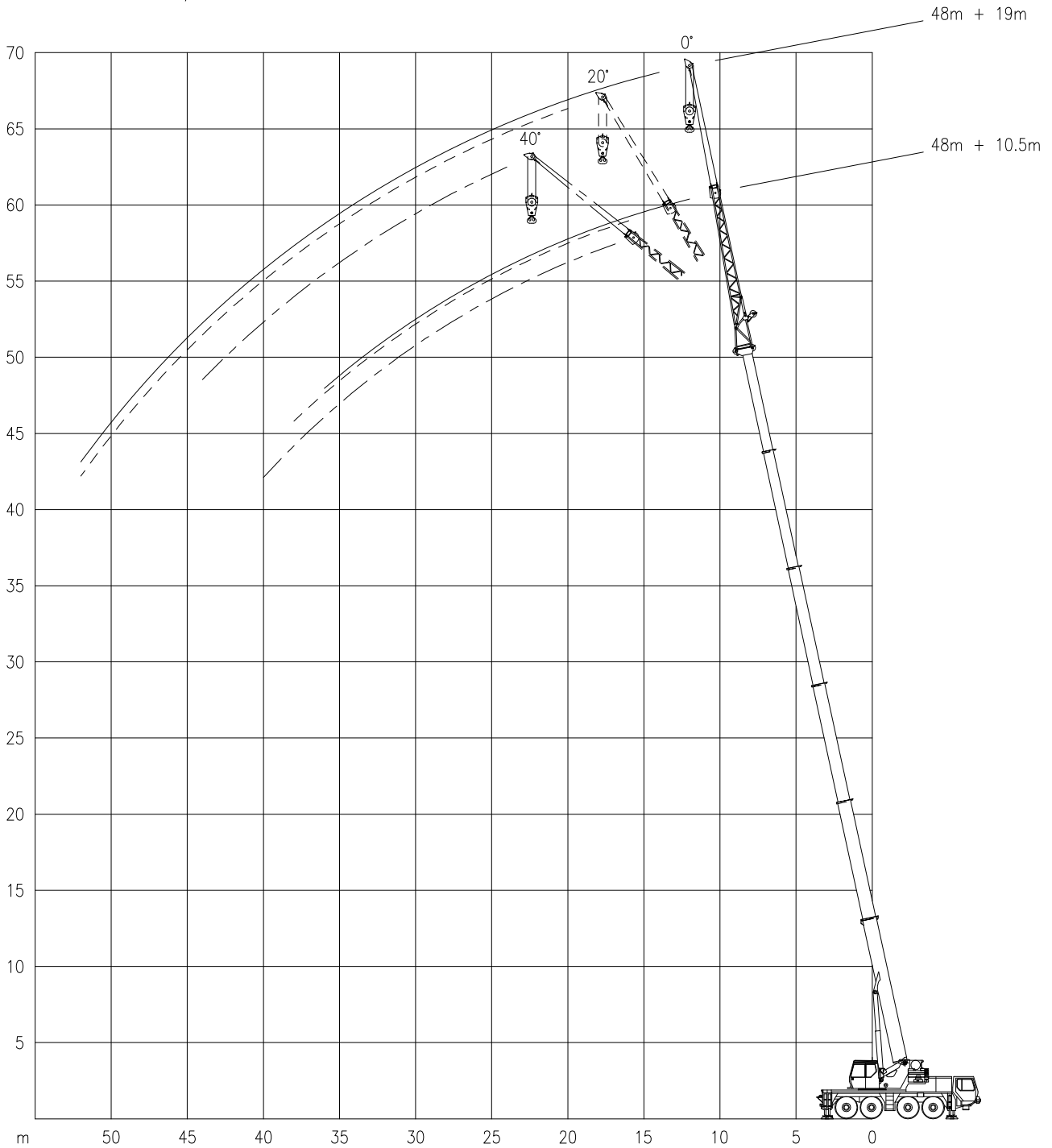
Working ranges
Portées

80 TON

Arbeitsbereiche
Werkbereich

TK

1/400



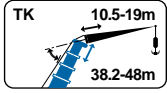


LIEBHERR LTM 1080/1

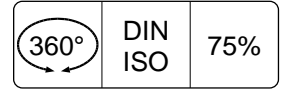
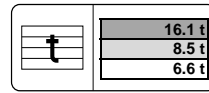
80 TON

Lifting capacities
Capacités

Tragfähigkeiten
Capaciteiten



TK



m	38.2 m						41.6 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
	t	t	t	t	t	t	t	t	t	t	t	t
10.0	8.7	-	-	-	-	-	-	-	-	-	-	-
12.0	8.4	-	-	3.4	-	-	7.0	-	-	-	-	-
14.0	7.9	6.6	-	3.3	-	-	6.5	5.8	-	3.1	-	-
16.0	7.1	6.3	5.5	3.2	-	-	6.1	5.4	5.1	2.9	-	-
18.0	6.4	6.1	5.4	3.0	2.6	-	5.6	5.1	4.8	2.8	2.4	-
20.0	5.9	5.7	5.3	2.9	2.5	-	5.1	4.7	4.5	2.8	2.4	-
22.0	5.3	5.2	5.2	2.8	2.4	2.1	4.7	4.5	4.3	2.7	2.3	-
24.0	4.9	4.7	4.8	2.8	2.4	2.1	4.3	4.2	4.0	2.6	2.3	2.0
26.0	4.3	4.3	4.4	2.7	2.3	2.0	3.9	4.0	3.8	2.6	2.2	2.0
28.0	3.7	4.0	4.0	2.6	2.2	2.0	3.6	3.7	3.7	2.5	2.2	2.0
30.0	3.2	3.5	3.6	2.5	2.2	2.0	3.2	3.4	3.4	2.4	2.1	2.0
32.0	2.8	3.0	3.1	2.4	2.1	2.0	2.8	3.0	3.2	2.4	2.1	1.9
34.0	2.4	2.6	2.7	2.3	2.1	1.9	2.6	2.6	2.7	2.3	2.0	1.9
36.0	2.2	2.3	2.3	2.2	2.0	1.9	2.4	2.4	2.5	2.3	2.0	1.9
38.0	2.1	2.1	-	2.0	2.0	1.9	2.1	2.3	2.3	2.0	2.0	1.9
40.0	1.9	2.0	-	1.8	2.0	1.9	1.9	2.0	-	1.8	2.0	1.9
44.0	1.6	1.6	-	1.5	1.5	1.7	1.4	1.5	-	1.6	1.5	1.7
48.0	-	-	-	1.3	1.3	-	1.0	-	-	1.2	1.4	1.4
52.0	-	-	-	1.0	1.1	-	-	-	-	0.9	1.0	-
54.0	-	-	-	-	-	-	-	-	-	0.7	-	-
56.0	-	-	-	-	-	-	-	-	-	0.6	-	-

m	45.0 m						48.0 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
	t	t	t	t	t	t	t	t	t	t	t	t
12.0	5.7	-	-	-	-	-	4.1	-	-	-	-	-
14.0	5.3	4.7	-	2.7	-	-	4.0	-	-	2.4	-	-
16.0	4.9	4.4	-	2.7	-	-	3.8	3.7	-	2.4	-	-
18.0	4.5	4.1	4.0	2.6	-	-	3.6	3.5	3.5	2.4	-	-
20.0	4.2	3.9	3.7	2.6	2.2	-	3.4	3.4	3.3	2.4	2.1	-
22.0	4.0	3.6	3.5	2.5	2.2	-	3.3	3.2	3.2	2.3	2.0	-
24.0	3.7	3.4	3.3	2.5	2.1	1.9	3.1	3.1	3.1	2.2	2.0	1.8
26.0	3.5	3.3	3.2	2.4	2.1	1.9	2.9	2.9	2.9	2.1	2.0	1.8
28.0	3.3	3.1	3.0	2.3	2.1	1.9	2.7	2.8	2.8	2.0	2.0	1.8
30.0	3.1	2.9	2.9	2.2	2.0	1.9	2.6	2.6	2.7	1.9	1.9	1.7
32.0	2.8	2.8	2.7	2.1	2.0	1.9	2.4	2.5	2.5	1.9	1.8	1.7
34.0	2.5	2.6	2.7	2.0	1.9	1.8	2.3	2.3	2.4	1.8	1.8	1.7
36.0	2.1	2.3	2.4	1.9	1.8	1.8	2.0	2.2	2.2	1.7	1.7	1.7
38.0	1.8	2.0	2.1	1.8	1.7	1.7	1.8	1.9	2.1	1.6	1.6	1.6
40.0	1.6	1.7	1.8	1.7	1.7	1.7	1.5	1.7	1.8	1.5	1.6	1.6
44.0	1.1	1.2	-	1.3	1.6	1.6	1.1	1.2	1.2	1.2	1.4	1.4
48.0	0.7	0.8	-	0.9	1.1	1.3	0.7	0.8	-	0.9	1.1	1.2
52.0	-	-	-	0.6	0.8	-	-	-	-	-	0.7	0.8
54.0	-	-	-	-	0.6	-	-	-	-	-	-	-

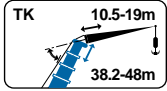


LIEBHERR LTM 1080/1

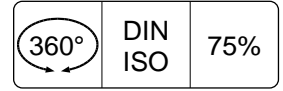
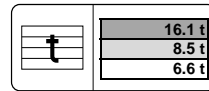
80 TON

Lifting capacities
Capacités

Tragfähigkeiten
Capaciteiten



TK



m	38.2 m						41.6 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
t	t	t	t	t	t	t	t	t	t	t	t	t
10.0	8.7	-	-	-	-	-	-	-	-	-	-	-
12.0	8.4	-	-	3.4	-	-	7.0	-	-	-	-	-
14.0	7.9	6.6	-	3.3	-	-	6.5	5.8	-	3.1	-	-
16.0	6.7	6.3	5.5	3.2	-	-	6.1	5.4	5.1	2.9	-	-
18.0	5.5	6.1	5.4	3.0	2.6	-	5.4	5.1	4.8	2.8	2.4	-
20.0	4.6	5.1	5.3	2.9	2.5	-	4.5	4.7	4.5	2.8	2.4	-
22.0	3.9	4.3	4.6	2.8	2.4	2.1	3.9	4.2	4.3	2.7	2.3	-
24.0	3.6	3.6	3.9	2.8	2.4	2.1	3.6	3.5	3.9	2.6	2.3	2.0
26.0	3.3	3.1	3.2	2.7	2.3	2.0	3.1	3.3	3.2	2.6	2.2	2.0
28.0	2.8	3.0	2.9	2.4	2.2	2.0	2.6	2.8	3.0	2.4	2.2	2.0
30.0	2.4	2.6	2.8	2.2	2.2	2.0	2.2	2.4	2.6	2.2	2.1	2.0
32.0	2.0	2.2	2.4	2.0	2.1	2.0	1.8	2.0	2.2	2.0	2.1	1.9
34.0	1.7	1.9	2.0	1.9	1.9	1.9	1.5	1.7	1.8	1.7	1.9	1.9
36.0	1.5	1.6	1.7	1.7	1.8	1.8	1.3	1.4	1.5	1.5	1.8	1.8
38.0	1.2	1.4	-	1.4	1.7	1.7	1.0	1.2	1.2	1.2	1.5	1.7
40.0	1.0	1.1	-	1.2	1.5	1.6	0.8	0.9	-	1.0	1.3	1.5
44.0	0.6	0.7	-	0.8	1.0	1.2	-	-	-	0.6	0.9	1.0
48.0	-	-	-	-	0.7	-	-	-	-	-	-	0.6

m	45.0 m						48.0 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
t	t	t	t	t	t	t	t	t	t	t	t	t
12.0	5.7	-	-	-	-	-	4.1	-	-	-	-	-
14.0	5.3	4.7	-	2.7	-	-	4.0	-	-	2.4	-	-
16.0	4.9	4.4	-	2.7	-	-	3.8	3.7	-	2.4	-	-
18.0	4.5	4.1	4.0	2.6	-	-	3.6	3.5	3.5	2.4	-	-
20.0	4.2	3.9	3.7	2.6	2.2	-	3.4	3.4	3.3	2.4	2.1	-
22.0	3.8	3.6	3.5	2.5	2.2	-	3.3	3.2	3.2	2.3	2.0	-
24.0	3.2	3.4	3.3	2.5	2.1	1.9	3.1	3.1	3.1	2.2	2.0	1.8
26.0	2.7	3.0	3.2	2.4	2.1	1.9	2.6	2.9	2.9	2.1	2.0	1.8
28.0	2.2	2.5	2.8	2.3	2.1	1.9	2.1	2.4	2.7	2.0	2.0	1.8
30.0	1.8	2.1	2.3	2.0	2.0	1.9	1.7	2.0	2.2	1.9	1.9	1.7
32.0	1.5	1.7	1.9	1.7	2.0	1.9	1.4	1.6	1.8	1.6	1.8	1.7
34.0	1.2	1.4	1.6	1.4	1.8	1.8	1.1	1.3	1.5	1.3	1.7	1.7
36.0	0.9	1.1	1.3	1.1	1.5	1.8	0.8	1.0	1.2	1.0	1.4	1.7
38.0	0.7	0.8	1.0	0.9	1.3	1.5	-	0.8	0.9	0.8	1.2	1.5
40.0	-	0.6	0.7	0.7	1.0	1.3	-	-	0.7	-	0.9	1.2
44.0	-	-	-	-	0.6	0.8	-	-	-	-	-	0.7

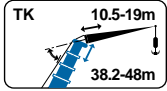


LIEBHERR LTM 1080/1

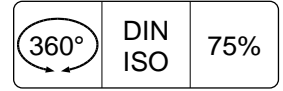
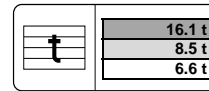
80 TON

Lifting capacities
Capacités

Tragfähigkeiten
Capaciteiten



TK



m	38.2 m						41.6 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
	t	t	t	t	t	t	t	t	t	t	t	t
10.0	8.7	-	-	-	-	-	-	-	-	-	-	-
12.0	8.4	-	-	3.4	-	-	7.0	-	-	-	-	-
14.0	7.3	6.6	-	3.3	-	-	6.5	5.8	-	3.1	-	-
16.0	6.0	6.3	5.5	3.2	-	-	5.9	5.4	5.1	2.9	-	-
18.0	4.9	5.5	5.4	3.0	2.6	-	4.8	5.1	4.8	2.8	2.4	-
20.0	4.2	4.5	4.9	2.9	2.5	-	4.3	4.5	4.5	2.8	2.4	-
22.0	3.9	3.7	4.1	2.8	2.4	2.1	3.7	3.7	4.1	2.7	2.3	-
24.0	3.4	3.4	3.4	2.8	2.4	2.1	3.1	3.5	3.4	2.6	2.3	2.0
26.0	2.9	3.1	3.1	2.5	2.3	2.0	2.6	2.9	3.2	2.5	2.2	2.0
28.0	2.4	2.7	2.8	2.3	2.2	2.0	2.2	2.4	2.7	2.3	2.2	2.0
30.0	2.0	2.2	2.4	2.2	2.2	2.0	1.8	2.0	2.2	2.0	2.1	2.0
32.0	1.7	1.9	2.0	1.9	2.0	2.0	1.5	1.7	1.8	1.7	2.0	1.9
34.0	1.4	1.6	1.7	1.6	1.9	1.9	1.2	1.4	1.5	1.4	1.8	1.9
36.0	1.2	1.3	1.4	1.4	1.7	1.8	0.9	1.1	1.2	1.1	1.5	1.8
38.0	0.9	1.1	-	1.1	1.4	1.6	0.7	0.9	1.0	0.9	1.2	1.5
40.0	0.7	0.8	-	0.9	1.2	1.4	-	0.7	-	0.7	1.0	1.2
44.0	-	-	-	0.6	0.8	0.9	-	-	-	-	0.6	0.8
46.0	-	-	-	-	0.6	-	-	-	-	-	-	-

m	45.0 m						48.0 m					
	10.5 m			19.0 m			10.5 m			19.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
	t	t	t	t	t	t	t	t	t	t	t	t
12.0	5.7	-	-	-	-	-	4.1	-	-	-	-	-
14.0	5.3	4.7	-	2.7	-	-	4.0	-	-	2.4	-	-
16.0	4.9	4.4	-	2.7	-	-	3.8	3.7	-	2.4	-	-
18.0	4.5	4.1	4.0	2.6	-	-	3.6	3.5	3.5	2.4	-	-
20.0	4.0	3.9	3.7	2.6	2.2	-	3.4	3.4	3.3	2.4	2.1	-
22.0	3.3	3.6	3.5	2.5	2.2	-	3.2	3.2	3.2	2.3	2.0	-
24.0	2.7	3.1	3.3	2.5	2.1	1.9	2.6	3.0	3.1	2.2	2.0	1.8
26.0	2.2	2.6	2.9	2.4	2.1	1.9	2.1	2.5	2.8	2.1	2.0	1.8
28.0	1.8	2.1	2.4	2.0	2.1	1.9	1.7	2.0	2.3	1.9	2.0	1.8
30.0	1.4	1.7	1.9	1.6	2.0	1.9	1.3	1.6	1.9	1.5	1.9	1.7
32.0	1.1	1.4	1.6	1.3	1.8	1.9	1.0	1.3	1.5	1.2	1.7	1.7
34.0	0.8	1.1	1.2	1.0	1.5	1.8	0.7	1.0	1.2	0.9	1.4	1.7
36.0	-	0.8	0.9	0.8	1.2	1.5	-	0.7	0.9	0.7	1.1	1.5
38.0	-	-	0.7	-	0.9	1.2	-	-	-	-	0.9	1.2
40.0	-	-	-	-	0.7	1.0	-	-	-	-	0.6	0.9
42.0	-	-	-	-	-	0.7	-	-	-	-	-	0.7



LIEBHERR LTM 1080/1

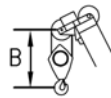
80 TON

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 Hijsslier 1	0 – 130 m/min	17 mm	57 kN	250 m
Auxiliary hoist Levage sur flèche Hubwerk 2 Hijsslier 2	0 – 120 m/min	17 mm	52 kN	200 m
Slewing gear Orientation Drehwerk Zwenkwerk	0 – 2 RPM			
Travel speed Vitesse sur route Fahrgeschwindigkeit Rijsnelheid	0 – 75/80 km/h			
Booming up Relever la flèche Aufwippen Optoppen	83° 48 sec			
Telescope Téléscoper Teleskopieren Telescoperen	10.8 - 48 m 280 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 58.3 t	5	10	330 kg	3.0 m
SWL 16.0 t	1	3	235 kg	3.0 m