



Weights

Axle loads (metric tons). Crane in travel position.

Axle	1	2	3	4	5	6	7	8	Total weight
t	12	12	12	12	12	12	12	12	96

Hook blocks and hooks.

Load (metric tons)	No. of sheaves	No. of lines	Weight kg
230	11	22	2600
155	7	14	2000
81	3	7	1500
36	1	3	1000
12	-	1	500

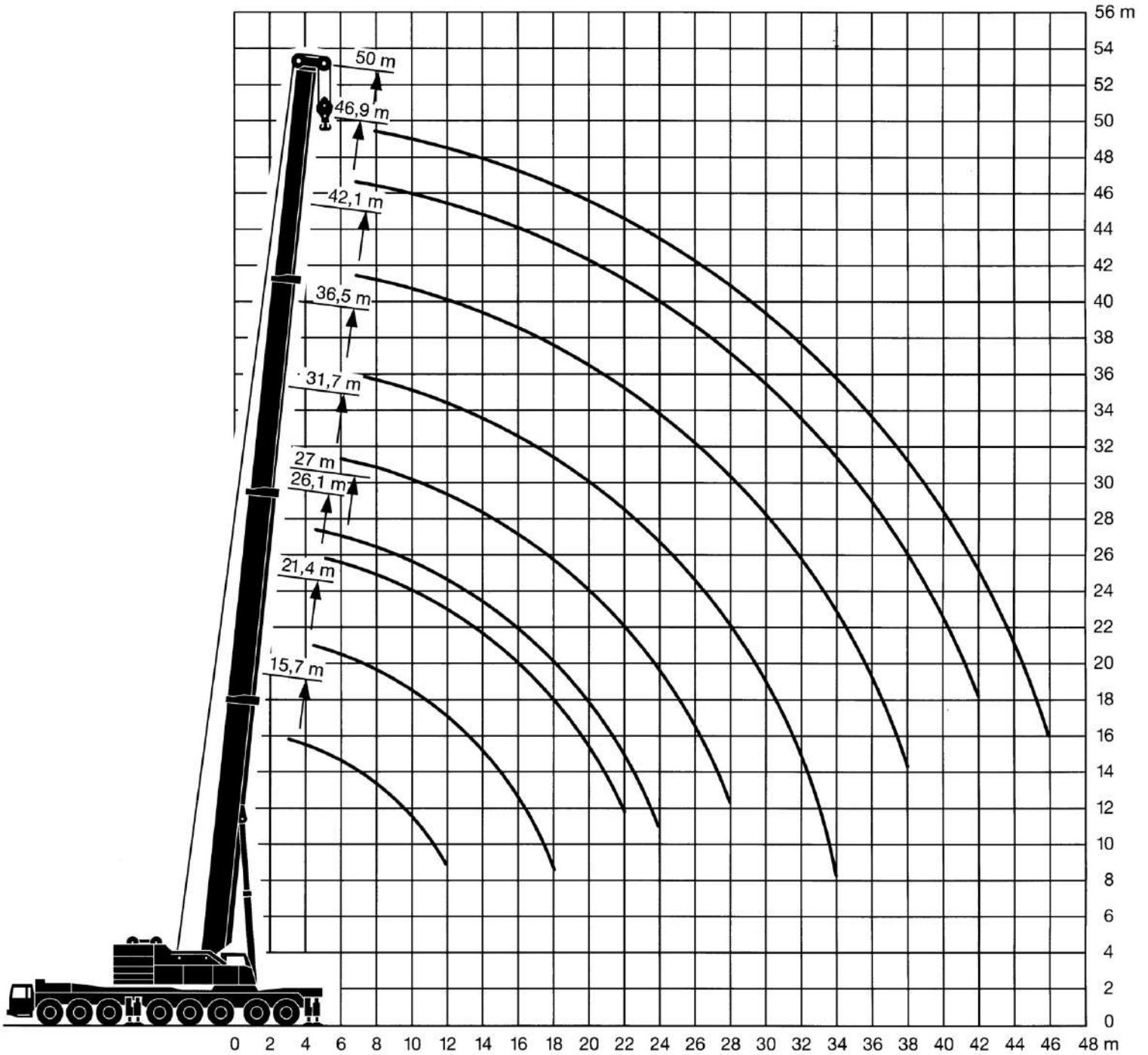
Working Speeds

Travel speeds in km/h at max. engine speed of 2100 min⁻¹.

Gear	1	2	3	4	5	R
On road (km/h)	13	21	36	48	65	13,6
Off road (km/h)	6	10	16	23	31	6,6

Speeds of crane movements at max. engine speed of 1800 min⁻¹.

Drive	infinitely variable	Rope diameter / Rope length	Max. single line pull
Main winch	0 – 160 m/min single line	25 mm / 480 m	120 kN
Auxiliary winch	0 – 160 m/min single line	25 mm / 750 m	120 kN
Slewing gear	0 – 1,2 min ⁻¹		
Luffing	approx. 100 seconds to reach 83° boom angle		
Telescoping	approx. 130 seconds / 350 seconds for boom extension from 15,7 m – 36,5 m / 15,7 m – 50 m		





T

LTM 1400
Telescopic boom, wide support base

85%

Crane supported.
working range 360° or over rear *
support base 10 m × 10 m
95 t counterweight

TAB 78 033 .1
360°; o.r.*
b
95 t

Working radius [m]	Telescopic boom lengths in meters [m]					
	15.7 o.r.*	21.4	26.1	27	31.7	360°
3	440	385				
3.5	374	341				
4	330	308				
4.5	302	277	270			
5	275	257	252		176	
5.5	257	239	235	211	167	
6	240	224	220	199	159	170
7	211	198	194	179	145	154
8	188	177	173	163	134	140
9	169	159	156	149	124	128
10	153	144	141	135	115	118
12	125	119	115	114	101	101
14			98	97	89	88
16			83	81	80	78
18			69	68	73	69
20				57	66	60
22				50	58	52
24					50	45
26						39
28						34
30						

SLI CODE	0022	0002				
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III	0 0 0	50 0 0	92 0 0	0 50 50	92 50 0
Max. permissible wind speed [m/sec]		7	7	7	7	7
Max. permissible slewing speed range		2	2	2	2	2

For lifting capacities above 250 t an additional equipment is required

* = working range: over rear ± 10°

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base



85%

Crane supported.
working range 360°
Support base 10 m × 10 m
95 t counterweight

TAB 78 033 .2
360°
b
95 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7	135	111	117	101	
8	124	103	109	95	88
9	114	96	102	89	84
10	106	89	96	84	79
12	91	78	85	75	70
14	79	69	74	67	63
16	70	62	65	60	55
18	63	56	58	54	49.5
20	57	51	53	49.5	45
22	51	46.5	47.5	45	40.5
24	44.5	42.5	44	41	37
26	39.5	39.5	40	38	34
28	34.5	36.5	36	35	31.5
30	30.5	34	32	32.5	29.0
32	27.1	32.5	29.0	29.3	26.9
34	24.2	29.6	25.9	26.6	25.0
36			23.3	24.0	23.2
38			21.1	21.7	21.7
40				19.7	19.8
42				18.0	18.0
44					16.4
46					15.0

SLI CODE	0002					
Extending condition of telescopic sections in percent %	Tele I	92	0	92	92	100
	Tele II	92	92	92	92	100
	Tele III	0	92	50	92	100
Max. permissible wind speed [m/sec]		7	7	7	7	7
Max. permissible slewing speed range		2	2	1	1	1

Lifting capacities in metric tons [t]



T

75 %
DIN
BS

LTM 1400
Telescopic boom, wide support base

Crane supported.
working range 360°
support base 10 m × 10 m
65 t counterweight

TAB 78 042.1
360°
b
65 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3	310				
3.5	283				
4	259				
4.5	239	235			
5	221	217			
5.5	206	202	192	152	
6	192	189	181	145	155
7	170	167	163	132	140
8	150	148	148	122	127
9	134	132	131	113	116
10	120	117	116	105	107
12	98	95	94	92	91
14		74	73	79	71
16		58	57	64	58
18		46.5	45.5	52	47
20			37	43	38
22			30.5	36.5	31.5
24				31.5	26.7
26					22.6
28					19.1

SLI CODE		0003				
Extending condition of telescopic sections in percent %	Tele I	0	50	92	0	92
	Tele II	0	0	0	50	50
	Tele III	0	0	0	50	0
Max. permissible wind speed [m/sec]		14.3	14.3	12.8	12.8	12.8
Max. permissible slewing speed range		2	2	2	2	2

For lifting capacities above 250 t an additional equipment is required

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base

T

75 %
DIN
BS

Crane supported
working range 360°
Support base 10 m × 10 m
65 t counterweight

TAB 78 042 .2
360°
b
65 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7	123	101	106	92	
8	113	94	99	86	80
9	104	87	93	81	76
10	96	81	87	76	72
12	83	71	77	68	64
14	69	63	67	61	57
16	56	56	56	55	50
18	47	51	47	46.5	45
20	39	44.5	40	40	39.5
22	32.5	37.5	34.5	34.5	34
24	27.4	32.5	29.3	29.9	29.7
26	23.3	28.3	25.2	26	26
28	19.8	24.9	21.7	22.5	22.7
30	16.8	22	18.8	19.6	19.8
32	14.3	19.7	16.3	17.1	17.3
34	12.3	17.7	14.1	14.9	15
36			12.2	13	13.1
38			10.6	11.3	11.4
40				9.9	10
42				8.6	8.7
44					7.5
46					6.6
SLI CODE	0003				
Extending condition of telescopic sections in percent %	Tele I 92	0 92	92 92	92 92	100 100
	Tele II 92	92	50	92	100
	Tele III 0	92			100
Max. permissible wind speed [m/sec]	12.8	12.8	11.1	11.1	11.1
Max. permissible slewing speed range	2	2	1	1	1

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base

75 %
DIN
BS

Crane supported
working range 360°
support base 10 m × 10 m
30 t counterweight

T

TAB 78 025 .1
360°
b
30 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3	290				
3.5	265				
4	243				
4.5	224	220			
5	207	203			
5.5	193	189	185	150	
6	180	176	174	145	155
7	155	150	146	132	133
8	134	128	114	122	104
9	117	101	90	100	84
10	95	82	74	83	69
12	62	57	52	61	50
14		42	38.5	47	37.5
16		31	29.2	37	28.7
18		23.5	22.5	29.1	22.4
20			16.8	23.5	17.5
22			12.5	19.3	13.8
24				15.9	10.4
26					7.7
28					5.5

SLI CODE	0004					
Extending condition of telescopic sections in percent %	Tele I	0	50	92	0	92
	Tele II	0	0	0	50	50
	Tele III	0	0	0	50	0
Max. permissible wind speed [m/sec]		14.3	14.3	12.8	12.8	12.8
Max. permissible slewing speed range		2	2	2	2	2

For lifting capacities above 250 t you need an additional equipment

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base

T

75 %
DIN
BS

Crane supported
working range 360°
Support base 10 m × 10 m
30 t counterweight

TAB 78 025 .2
360°
b
30 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7	120	95	100	90	
8	97	90	90	85	75
9	79	85	76	73	68
10	66	75	64	62	60
12	48	56	48	47	46
14	36.5	44	37	36.5	36
16	28.3	35.3	29.3	29.2	28.8
18	22.2	29.3	23.5	23.6	23.3
20	17.6	24.4	19	19.2	19.1
22	13.9	20.5	15.4	15.7	15.6
24	10.9	17.1	12.5	12.9	12.8
26	8.4	14.2	10	10.5	10.5
28	6.2	11.9	8	8.5	8.5
30	4.4	10	6.3	6.8	6.8
32	2.8	8.4	4.7	5.3	5.3
34		7.1	3.4	4.1	4.1
36				3	3

SLI CODE	0004					
Extending condition of telescopic sections in percent %	Tele I	92	0	92	92	100
	Tele II	92	92	92	92	100
	Tele III	0	92	50	92	100
Max. permissible wind speed [m/sec]	12.8	12.8	11.1	11.1	11.1	
Max. permissible slewing speed range	2	2	1	1	1	

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base

T

75 %
DIN
BS

Crane supported
working range 360°
support base 10 m × 10 m
without counterweight

TAB 78 073 .1
360°
b
0 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3	270				
3.5	244				
4	223				
4.5	204	200			
5	185	171			
5.5	168	140		125	
6	143	106		100	75
7	88	68		69	51
8	61	48		52	37.5
9	44.5	35		40.5	28.2
10	34	26.4		32.0	21.5
12	21.2	15.3		21.5	12.5
14		8.6		14.8	6.7
16				10.3	
18				7.0	
20				4.6	

SLI CODE	0005					
Extending condition of telescopic sections in percent %	Tele I	0	50	92	0	92
	Tele II	0	0	0	50	50
	Tele III	0	0	0	50	0
Max. permissible wind speed [m/sec]		14.3	14.3	12.8	12.8	12.8
Max. permissible slewing speed range		2	2	2	2	2

For lifting capacities above 250 t you need an additional equipment

Lifting capacities in metric tons [t]



LTM 1400
Telescopic boom, wide support base

T

75 %
DIN
BS

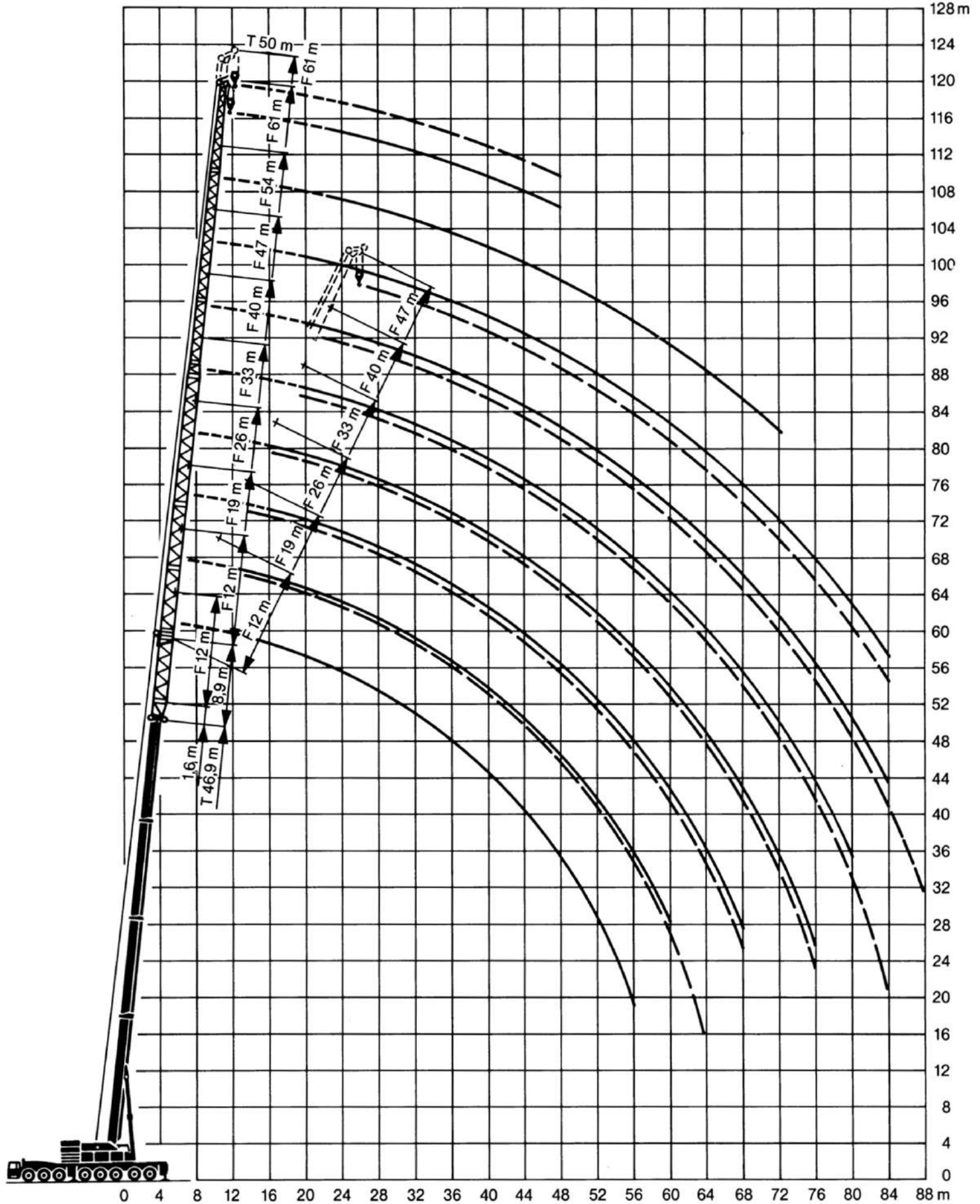
Crane supported
working range 360°
Support base 10 m × 10 m
without counterweight

TAB 78 073.2
360°
b
0 t

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7		58	45	42.5	
8		45	34.5	33	32
9		36	27.3	26.5	25.7
10		29.5	21.7	21.4	20.8
12		20.5	13.9	14.1	13.8
14		14.6	8.8	9.2	9.1
16		10.4	5	5.6	5.6
18		7.4			
20		5			

SLI CODE	0005					
Extending condition	Tele I	92	0	92	92	100
of telescopic sections	Tele II	92	92	92	92	100
in percent %	Tele III	0	92	50	92	100
Max. permissible wind speed [m/sec]		12.8	12.8	11.1	11.1	11.1
Max. permissible slewing speed range		2	2	1	1	1

Lifting capacities in metric tons [t]





85%

LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 034 .1
360°
b
95 t

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 1.9 m	
	Length of fixed fly jib 12 m	
10	50	
12	46	
14	43.5	
16	40.5	
18	38	
20	35.5	
22	33.5	
24	32	
26	30	
28	28.8	
30	27.5	
32	26.1	
34	24.6	
36	23.1	
38	21.5	
40	19.8	
42	18.1	
44	16.6	
46	15.2	
48	13.8	
50	12.5	
52	11.4	

SLI CODE	1001	
Extending condition of telescopic sections in percent %	Tele I	92
	Tele II	92
	Tele III	50
Max. permissible wind speed [m/sec]	7	
Max. permissible slewing speed range	1	

Lifting capacities in metric tons [t]



85%

LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 034.2
360°
b
95 t

Working radius [m]	Telescopic boom length : 46.9 m; T-lengthening 1.9 m	
	Length of fixed fly jib 12 m	
10	46	
12	44	
14	42	
16	39.5	
18	37.5	
20	35	
22	33	
24	31.5	
26	29.7	
28	27.8	
30	26.2	
32	24.4	
34	22.9	
36	21.3	
38	19.9	
40	18.7	
42	17.5	
44	16.4	
46	15.0	
48	13.8	
50	12.7	
52	11.5	
56	9.5	

SLICODE	1001
Extending condition of telescopic sections in percent %	92
	92
	92
Max. permissible wind speed [m/sec]	7
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



85%

LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 034 .3
360°
b
95 t

Working radius [m]	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m			
	Length of fixed fly jib			
	12 m	19 m	26 m	33 m
12	40			
14	37.5	30		
16	35	28.2	22.0	
18	33	26.5	20.7	16.4
20	30.5	25.0	19.6	15.4
22	28.7	23.5	18.5	14.5
24	27.0	22.1	17.6	13.6
26	25.3	20.9	16.7	12.9
28	23.9	19.7	15.8	12.2
30	22.6	18.6	15.0	11.6
32	21.3	17.6	14.1	10.9
34	20.2	16.6	13.4	10.3
36	19.1	15.7	12.8	9.9
38	17.8	15.0	12.1	9.5
40	16.7	14.2	11.6	9.0
42	15.7	13.5	11.1	8.6
44	14.7	13.0	10.6	8.3
46	14.0	12.4	10.1	7.8
48	13.1	11.9	9.7	7.5
50	12.4	11.1	9.2	7.2
52	11.4	10.5	8.8	6.8
56	9.6	9.2	8.1	6.2
60	7.9	8.1	7.5	5.6
64		6.8	6.7	5.2
68		5.5	5.8	4.7
72			4.8	4.3
76			3.8	3.7
80				2.9
84				

SLI CODE	1201	1211	1221	1231
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed [m/sec]			7	
Max. permissible slewing speed range			1	

Lifting capacities in metric tons [t]



85%

LTM 1400
Fixed lattice fly jib at 0°

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TF_{0°}

TAB 78 034 .4
360°
b
95 t

Working radius [m]	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m			
	Length of fixed fly jib			
	40 m	47 m	54 m	61 m
18	13.2			
20	12.4	10.1		
22	11.8	9.5	7.2	5.2
24	11.0	8.8	6.6	4.7
26	10.3	8.3	6.2	4.4
28	9.8	7.7	5.7	4.1
30	9.2	7.3	5.3	3.7
32	8.8	6.8	5.0	3.5
34	8.3	6.4	4.6	3.3
36	7.8	5.9	4.3	3.1
38	7.4	5.6	4.1	2.9
40	7.0	5.3	3.9	2.7
42	6.7	5.1	3.6	2.5
44	6.4	4.7	3.4	2.3
46	6.1	4.5	3.2	2.2
48	5.7	4.3	3.1	2.1
50	5.5	4.1	2.9	
52	5.3	3.9	2.8	
56	4.8	3.5	2.4	
60	4.5	3.2	2.2	
64	4.2	2.9	2.0	
68	3.9	2.6	1.8	
72	3.5	2.4	1.5	
76	3.2	2.2		
80	2.9	2.0		
84	2.5	1.8		

SLI CODE	1241	1251	1261	1271
Extending condition of telescopic sections in percent %			92	92
			92	
Max. permissible wind speed [m/sec]			7	
Max. permissible slewing speed range			1	

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

85%

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 034 .5
360°
b
95 t

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m	
	Length of fixed fly jib 61 m	
24	4.5	
26	4.2	
28	3.9	
30	3.6	
32	3.4	
34	3.2	
36	3.0	
38	2.8	
40	2.5	
42	2.3	
44	2.2	
46	2.1	
48	2.0	

SLI CODE	1271	
Extending condition of telescopic sections in percent %	Tele I	100
	Tele II	100
	Tele III	100
Max. permissible wind speed [m/sec]	7	
Max. permissible slewing speed range	1	

Lifting capacities in metric tons [t]



75 %
DIN
BS

LTM 1400
Fixed lattice fly jib at 0°

Crane supported
working range 360°
support base 10 m × 10 m
65 t counterweight
Telescopic sections interlocked*

TF_{0°}

TAB 78 020.1
360°
b
65 t

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 1.9 m	
	Length of fixed fly jib 12 m	
10	45	
12	42	
14	39.5	
16	37	
18	34.5	
20	32.5	
22	30.5	
24	28.9	
26	25.8	
28	22.7	
30	20.1	
32	17.8	
34	15.6	
36	13.6	
38	11.9	
40	10.4	
42	9	
44	7.8	
46	6.7	
48	5.8	
50	4.9	
52	4.1	

SLI CODE	1002
Extending condition of telescopic sections in percent %	92
Tele I	92
Tele II	50
Tele III	
Max. permissible wind speed [m/sec.]	9
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

75 %
DIN
BS

Crane supported
working range 360°
support base 10 m × 10 m
65 t counterweight
Telescopic sections interlocked

TAB 78 020 .2
360°
b
65 t

Working radius [m]	Telescopic boom length : 46.9 m; T-lengthening 1.9 m	
	Length of fixed fly jib 12 m	
10	42	
12	40	
14	38	
16	36	
18	34	
20	32	
22	30	
24	28.5	
26	25.4	
28	22.4	
30	19.8	
32	17.5	
34	15.6	
36	13.6	
38	12.1	
40	10.6	
42	9.2	
44	8	
46	6.9	
48	5.9	
50	5	
52	4.2	
56	2.9	

SLI CODE	1002
Extending condition of telescopic sections in percent %	92
Tele I	92
Tele II	92
Tele III	92
Max. permissible wind speed [m/sec.]	9
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

75 % Crane supported
DIN working range 360°
BS support base 10 m × 10 m
65 t counterweight
Telescopic sections interlocked

TAB 78 020 .3
360°
b
65 t

Working radius [m]	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m			
	Length of fixed fly jib			
	12 m	19 m	26 m	33 m
12	36			
14	34	27.2		
16	32	25.6	20	
18	29.8	24.1	18.8	14.9
20	27.9	22.7	17.8	14
22	26.1	21.4	16.8	13.2
24	24.5	20.1	16	12.4
26	23	19	15.2	11.7
28	21.7	17.9	14.4	11.1
30	19.5	16.9	13.6	10.5
32	17.3	16	12.8	9.9
34	15.4	15.1	12.2	9.4
36	13.7	13.7	11.6	9
38	12	12.2	11	8.6
40	10.5	10.7	10.5	8.2
42	9.2	9.4	9.7	7.8
44	8.1	8.3	8.5	7.5
46	7.1	7.3	7.4	7.1
48	6.2	6.4	6.4	6.3
50	5.3	5.6	5.6	5.5
52	4.5	4.8	4.8	4.8
56	3	3.5	3.6	3.5
60	1.8	2.2	2.5	2.4
64			1.6	1.5

SLI CODE	1202	1212	1222	1232
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed [m/sec.]			9	
Max. permissible slewing speed range			1	

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 0°

TF_{0°}

75 %
DIN
BS

Crane supported
working range 360°
support base 10 m × 10 m
65 t counterweight
Telescopic sections interlocked

TAB 78 020 .4
360°
b
65 t

Working radius [m]	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m			
	Length of fixed fly jib			
	40 m	47 m	54 m	61 m
18	12			
20	11.3	9.2		
22	10.7	8.6	6.5	4.7
24	10	8	6	4.3
26	9.4	7.5	5.6	4
28	8.9	7	5.2	3.7
30	8.4	6.6	4.8	3.4
32	8	6.2	4.5	3.2
34	7.5	5.8	4.2	3
36	7.1	5.4	3.9	2.8
38	6.7	5.1	3.7	2.6
40	6.4	4.8	3.5	2.4
42	6.1	4.6	3.3	2.3
44	5.8	4.3	3.1	2.1
46	5.5	4.1	2.9	2
48	5.2	3.9	2.8	1.9
50	5	3.7	2.6	
52	4.8	3.5	2.5	
56	3.7	3.2	2.2	
60	2.6	2.4	2	
64	1.7	1.5		
SLI CODE	1242	1252	1262	1272
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed [m/sec.]			9	
Max. permissible slewing speed range			1	

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 0°

75 %
DIN
BS

Crane supported
working range 360°
support base 10 m × 10 m
65 t counterweight
Telescopic sections interlocked

TF_{0°}

TAB 78 020 .5
360°
b
65 t

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m	
	Length of fixed fly jib 61 m	
24	4.1	
26	3.8	
28	3.5	
30	3.3	
32	3.1	
34	2.9	
36	2.7	
38	2.5	
40	2.3	
42	2.1	
44	2	
46	1.9	
48	1.8	

SLICODE	1272	
Extending condition of telescopic sections in percent %	Tele I	100
	Tele II	100
	Tele III	100
Max. permissible wind speed [m/sec.]	9	
Max. permissible slewing speed range	1	

Lifting capacities in metric tons [t]



75 %
DIN
BS

LTM 1400
Fixed lattice fly jib 0°

Crane supported
working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked

TF_{0°}

TAB 78 056 .1
360°
b
30 t

working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 1.9 m Length of fixed fly jib 12 m
10	40
12	38
14	36.5
16	29.6
18	24.2
20	20.0
22	16.6
24	13.8
26	11.5
28	9.5
30	7.7
32	6.2
34	4.9
36	3.8
38	2.8

SLI CODE	1003
Extending condition of telescopic sections in percent %	Tele I 92 Tele II 92 Tele III 50
Max. permissible wind speed [m/sec.]	9
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



75 %
DIN
BS

LTM 1400
Fixed lattice fly jib 0°
Crane supported
working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked

TF 0°

TAB 78 056.2
360°
b
30 t

Working radius [m]	Telescopic boom length : 46.9 m; T-lengthening 1.9 m	
	Length of fixed fly jib 12 m	
10	38	
12	37	
14	35.5	
16	28.7	
18	23.6	
20	19.6	
22	16.3	
24	13.6	
26	11.3	
28	9.3	
30	7.6	
32	6.2	
34	4.9	
36	3.8	
38	2.8	

SLI CODE	1003
Extending condition of telescopic sections in percent %	92
Tele I	92
Tele II	92
Tele III	92
Max. permissible wind speed [m/sec.]	9
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib 0°

TF_{0°}

75 %
DIN
BS

Crane supported
working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked

TAB 78 056.3
360°
b
30 t

Working radius (m)	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m			
	Length of fixed fly jib			
	12 m	19 m	26 m	33 m
12	33			
14	31	25.0		
16	27.5	24.0	18.0	
18	22.6	22.2	18.0	13.2
20	18.7	18.5	17.8	13.2
22	15.6	15.5	15.6	13.2
24	12.9	12.9	13.1	12.4
26	10.7	10.8	11.0	10.8
28	8.8	8.9	9.2	9.1
30	7.1	7.3	7.6	7.5
32	5.7	5.9	6.0	5.9
34	4.4	4.6	4.8	4.7
36	3.3	3.5	3.7	3.6
38	2.3	2.5	2.8	2.7
SLI CODE	1203	1213	1223	1233
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed [m/sec.]			9	
Drehgeschwindigkeitsbereich			1	

Lifting capacities in metric tons [t]



85 %

LTM 1400
Fixed lattice fly jib at 20°

TF_{20°}

Crane supported
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 035 .1
360°
b
95 t

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 8.9 m	
	Length of fixed fly jib	
	12 m	
16	28.6	
18	27.5	
20	26.4	
22	25.4	
24	24.4	
26	23.3	
28	22.2	
30	21.1	
32	20.2	
34	19.4	
36	18.6	
38	17.8	
40	17.1	
42	16.4	
44	15.7	
46	15.1	
48	14.4	
50	13.3	
52	12.2	
56	10.0	

SLI CODE	1205
Extending condition of telescopic sections in percent %	92
	92
	50
Max. permissible wind speed [m/sec]	9
Max. permissible slewing speed range	1

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 20°

TF 20°

85 %

Crane supported.
working range 360°
support base 10 m X 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 035 .2
360°
b
95 t

Working radius [m]	Telescopic boom length : 46.9 m; T-lengthening 8.9 m		
	Length of fixed fly jib		
	12 m	19 m	26 m
18	26.4		
20	25.4	18.7	
22	24.4	17.9	
24	23.4	17.3	12.7
26	22.6	16.6	12.2
28	21.6	16.1	11.8
30	20.5	15.5	11.3
32	19.5	14.9	10.9
34	18.5	14.2	10.6
36	17.7	13.6	10.2
38	16.9	13.1	9.9
40	16.2	12.7	9.6
42	15.5	12.1	9.2
44	14.9	11.7	9.0
46	14.1	11.2	8.7
48	13.2	10.8	8.4
50	12.4	10.3	8.1
52	11.7	10.0	7.8
56	10.2	9.4	7.3
60	8.4	8.5	6.8
64	6.7	7.4	6.4
68		6.0	5.9
72			5.4
76			4.3

SLI CODE	1205	1215	1225
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III	92 92 92	
Max. permissible wind speed [m/sec]		7	
Max. permissible slewing speed range		1	

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 20°

TF 20°

85 %

Crane supported.
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 035.3
360°
b
95 t

Working radius [m]	Telescopic boom length : 46.9 m; T-lengthening 8.9 m		
	Length of fixed fly jib		
	33 m	40 m	47 m
28	8.8		
30	8.4		
32	8.0	5.5	
34	7.7	5.4	
36	7.4	5.2	3.9
38	7.0	5.0	3.7
40	6.7	4.7	3.5
42	6.5	4.5	3.4
44	6.3	4.3	3.3
46	6.1	4.2	3.2
48	5.8	4.1	3.0
50	5.6	3.9	2.9
52	5.4	3.7	2.8
56	5.1	3.5	2.5
60	4.8	3.3	2.3
64	4.6	3.1	2.1
68	4.3	3.0	1.9
72	4.0	2.9	1.8
76	3.7	2.7	1.7
80	3.5	2.5	1.5
84	2.6	2.4	1.4
88		2.3	
SLI CODE	1235	1245	1255
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III	92 92 92	
Max. permissible wind speed [m/sec]		7	
Max. permissible slewing speed range		1	

Lifting capacities in metric tons [t]



LTM 1400
Fixed lattice fly jib at 20°

TF 20°

85 %

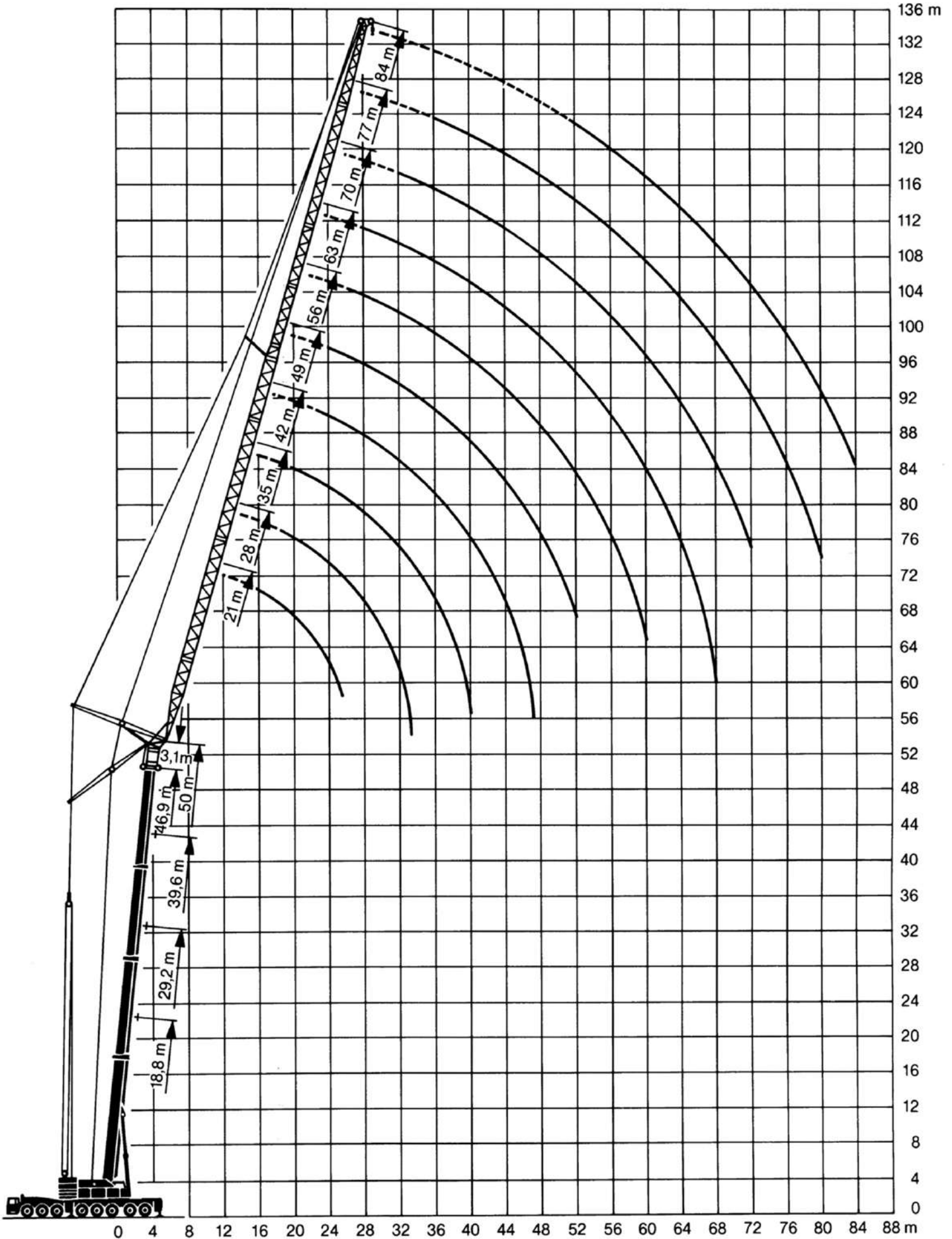
Crane supported.
working range 360°
support base 10 m × 10 m
95 t counterweight
Telescopic sections interlocked

TAB 78 035.4
360°
b
95 t

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m	
	Length of fixed fly jib	
	47 m	
38	3.5	
40	3.4	
42	3.3	
44	3.2	
46	3.0	
48	2.9	
50	2.8	
52	2.6	
56	2.4	
60	2.2	
64	2.0	
68	1.8	
72	1.7	
76	1.5	
80	1.4	

SLI CODE	1255	
Extending condition of telescopic sections in percent %	Tele I	100
	Tele II	100
	Tele III	100
Max. permissible wind speed [m/sec]	7	
Max. permissible slewing speed range	1	

Lifting capacities in metric tons [t]





LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118.1
360°
b
95 t

Working radius [m]	T-15,7 A-3,1 N-21	T-15,7 A-3,1 N-28	T-15,7 A-3,1 N-35	T-15,7 A-3,1 N-42	T-15,7 A-3,1 N-49
10	110				
11	105				
12	101	92			
14	94	88	70		
16	90	83	68	56	
18	86	79	66	53	42,5
20	74	72	64	52	42
22	63	66	61	51	41
24		60	57	49	40,5
26		55	51	48	39,5
28		50	44	46	37
30			40	42	35,5
32			37	39	33,5
34				36	31,9
36				34	30
38				31	28,5
40				29	26,5
44					23,5
48					20,5
SLI CODE	2002	2012	2022	2032	2042
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	2	1	1	1	1
min. G	1.58	0.5	0.5	0.5	0.5
Tele I	0	0	0	0	0
Tele II	0	0	0	0	0
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118.2
360°
b
95 t

Working radius [m]	T-15,7 A-3,1 N-56	T-15,7 A-3,1 N-63	T-15,7 A-3,1 N-70	T-15,7 A-3,1 N-77	T-15,7 A-3,1 N-84
20	35,5				
22	35	28,5			
24	34,5	28	22		
26	34	28	22	17,5	
28	34	27,5	22	17,2	13,2
30	33,5	27	21,5	16,9	12,8
32	31,5	27	21,5	16,6	12,6
34	30	26	21,5	16,3	12,4
36	28,5	26	21	16	12,2
38	27,5	24,5	21	15,7	12
40	25,5	23,5	21	15,4	11,8
44	23	21,5	20	14,7	11,5
48	20	19,5	18,5	14,0	11,1
52	18,5	18	17,5	13,4	10,7
56		17	16,5	12,7	10,3
60		15,5	15	12,1	9,9
64			14	11,5	9,4
68			13	11	9
72				10,3	8,5
76					8,1
80					7,7
SLI CODE	2052	2062	2072	2082	2092
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	1	1	1	1	1
min. G	0.5	0.5	0.5	0.5	0.5
Tele I	0	0	0	0	0
Tele II	0	0	0	0	0
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T- = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118.3
360°
b
95 t

Working radius [m]	T-26,1 A-3,1 N-21	T-26,1 A-3,1 N-28	T-26,1 A-3,1 N-35	T-26,1 A-3,1 N-42	T-26,1 A-3,1 N-49
12	92				
14	89	73			
16	85	72	58		
18	81	70	57	45	
20	72	69	56	44	33
22	66	63	55	43	33
24		57,5	53,5	42,5	32
26		53	51	41,5	31
28		49	47	41	30
30		45,5	43,5	38,5	29
32			40,5	35,5	28
34			37	33,5	26,5
36			35	31	25,5
38				29	24,5
40				27,5	23,5
44					21
48					19,5
SLI CODE	2002	2012	2022	2032	2042
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	i	1	1	1
min. n	2	1	1	1	1
min. G	1.58	0.5	0.5	0.5	0.5
Tele I	92	92	92	92	92
Tele II	0	0	0	0	0
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T- = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118 .4
360°
b
95 t

Working radius [m]	T-26,1 A-3,1 N-56	T-26,1 A-3,1 N-63	T-26,1 A-3,1 N-70	T-26,1 A-3,1 N-77	T-26,1 A-3,1 N-84
22	26				
24	26	22			
26	26	22	17,5		
28	26	22	17,5	13,7	
30	26	22	17	13,5	9,9
32	25	22	17	13,3	9,6
34	24	21	17	13	9,4
36	23,5	20	16,5	12,8	9,2
38	22,5	19,5	16,5	12,5	9
40	22	19	16	12,3	8,9
44	20	18	15	11,8	8,5
48	18,5	17	14,5	11,4	8,3
52	17,5	16	14	11	8,1
56	16	14,5	13	10,6	7,9
60		14	12,5	10,3	7,7
64			12	9,9	7,4
68			11,5	9,4	7,2
72				9,1	7
76				8,8	6,8
80					6,6
SLI CODE	2052	2062	2072	2082	2092
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	1	1	1	1	1
min. G	0.5	0.5	0.5	0.5	0.5
Tele I	92	92	92	92	92
Tele II	0	0	0	0	0
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T- = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118.5
360°
b
95 t

Working radius [m]	T-36,5 A-3,1 N-21	T-36,5 A-3,1 N-28	T-36,5 A-3,1 N-35	T-36,5 A-3,1 N-42	T-36,5 A-3,1 N-49
14	57				
16	56	47			
18	55	46	38,5		
20	52,5	45	37	30,5	
22	51,5	44,5	36,5	30	24
24	50,5	44	36	29,5	24
26		42,5	35,5	29	23,5
28		41,5	35	28,5	23,5
30		40,5	34	28,5	23
32		39	33	27,5	23
34			31,5	26,5	22,5
36			30,5	26	22
38			29,5	25	20,5
40				24	20
44				23	19
48					18
SLI CODE	2002	2012	2022	2032	2042
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	2	1	1	1	1
min. G	1.58	0.5	0.5	0.5	0.5
Tele I	92	92	92	92	92
Tele II	92	92	92	92	92
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118 .6
360°
b
95 t

Working radius [m]	T-36,5 A-3,1 N-56	T-36,5 A-3,1 N-63	T-86,5 A-3,1 N-70	T-36,5 A-3,1 N-77	T-36,5 A-3,1 N-84
24	19				
26	19	15			
28	19	15	12		
30	18,5	15	12	9,3	
32	18,5	15	12	9,2	6,6
34	18,5	14,5	12	9,1	6,4
36	18	14,5	12	9	6,3
38	17,5	14,5	12	9	6,3
40	17	14,5	12	8,9	6,2
44	16,5	14,3	12	8,8	6,1
48	15,5	13,7	11,5	8,6	6
52	14,5	13,2	11,5	8,4	5,9
56	14	12,6	11,5	8,3	5,8
60		12,1	11,5	8,2	5,8
64		11,5	11	8,1	5,7
68			11	8	5,7
72				7,8	5,6
76				7,7	5,6
80					5,5
84					5,5
SLI CODE	2052	2062	2072	2082	2092
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	1	1	1	1	1
min. G	0.5	0.5	0.5	0.5	0.5
Tele I	92	92	92	92	92
Tele II	92	92	92	92	92
Tele III	0	0	0	0	0
Extending condition of telescopic sections %					

T- = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

85%
PCSA

Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 118.7
360°
b
95 t

Working radius [m]	T-46,9 A-3,1 N-21	T-46,9 A-3,1 N-28	T-46,9 A-3,1 N-35	T-46,9 A-3,1 N-42	T-46,9 A-3,1 N-49
16	35				
18	35	29,5			
20	34	29,5	24		
22	34	29	24	18,5	
24	33	28,5	23,5	18,5	14,8
26	33	28,5	23,5	18,5	14,8
28		28,5	23	18	14,3
30		28	23	18	14,3
32		27,5	23	18	14,3
34		27,5	22,5	17,5	14,3
36			22,5	17,5	14,3
38			22	17,5	13,7
40			22	17,5	13,7
44				17	13,7
48				17	13,2
52					13,2
SLI CODE	2002	2012	2022	2032	2042
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	2	1	1	1	1
min. G	1.58	0.5	0.5	0.5	0.5
Tele I	92	92	92	92	92
Tele II	92	92	92	92	92
Tele III	92	92	92	92	92
Extending condition of telescopic sections %					

T = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



85%
PCSA

LTM 1400
Luffing fly jib (84°)
Crane supported, working range 360°
Support base 10 m × 10 m
95 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 118.8
360°
b
95 t

Working radius [m]	T-46,9 A-3,1 N-56	T-46,9 A-3,1 N-63	T-46,9 A-3,1 N-70	T-46,9 A-3,1 N-77	T-46,9 A-3,1 N-84
26	11				
28	10,8	8,8			
30	10,7	8,7	6,6		
32	10,7	8,7	6,6		
34	10,6	8,6	6,5	4,4	
36	10,6	8,6	6,4	4,4	
38	10,5	8,4	6,3	4,3	
40	10,4	8,4	6,3	4,3	
44	10,3	8,3	6,1	4,3	
48	10,2	8,2	6	4,1	
52	10,1	8,1	5,9	4,1	2,2
56	10	8	5,8	4	2,2
60	9,9	7,9	5,8	4	2,2
64		7,8	5,7	4	2,2
68		7,7	5,6	3,9	2,2
72			5,5	3,9	2,2
76				3,9	2,2
80				3,8	2,2
84					2,2
SLI CODE	2052	2062	2072	2082	2092
Max. permissible wind speed [m/s]	7	7	7	7	7
Max. permissible slewing speed range	1	1	1	1	1
min. n	1	1	1	1	1
min. G	0,5	0,5	0,5	0,5	0,5
Tele I	92	92	92	92	92
Tele II	92	92	92	92	92
Tele III	92	92	92	92	92
Extending condition of telescopic sections %					

T- = telescopic boom length [m]; A = length of TN-adaptor [m];
N = length of luffing fly jib [m];
Lifting capacities in metric tons [t]
min. n = minimum hoisting rope reeving
min. G = minimum hook block weight [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121 .1
360°
b
65 t

Working radius [m]	Telescopic boom length : 15.7 m + TN-adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
10	100				
11	96				
12	92	84			
14	86	80	64		
16	79	75	62	51	
18	68	65	60	49	39
20	59	58	55	48	38.5
22	51	51	49	47	37.5
24		45	45	43	37
26		40	40	39	36
28		36	36	36	34
30			33	33	32.5
32			30	30	30
34			27	27	27
36				25	25
38				23	23
40				22	22
44					19
48					17

SLI CODE	2003	2013	2023	2033	2043
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121.2
360°
b
65 t

Working radius [m]	Telescopic boom length: 15.7 m + TN-adapter 3.1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
20	32.5				
22	32	26			
24	31.5	25.5	20		
26	31	25.5	20	16	
28	31	25	20	15.7	12
30	30.5	24.5	19.5	15.4	11.7
32	29	24.5	19.5	15.1	11.5
34	27	24	19.5	14.9	11.3
36	25	24	19	14.6	11.1
38	23	22.5	19	14.3	10.9
40	21.5	21	19	14	10.8
44	18.5	18.5	18	13.4	10.5
48	16.5	16	15.5	12.8	10.1
52	14.5	14.5	14	12.2	9.8
56		13	12	11.6	9.4
60		11.5	11	10.4	9
64			10	9.2	8.4
68			9	8.2	7.4
72				7.4	6.5
76					5.8
80					5.3

SLI CODE	2053	2063	2073	2083	2093
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121 .3
360°
b
65 t

Working radius [m]	Telescopic boom length : 26.1 m + TN-adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
12	84				
14	80	67			
16	69	65.5	53		
18	60	57.5	52	41	
20	54	51.5	49	40	30
22	48	46	44	39.5	30
24		42	40	38.5	29.5
26		38.5	36.5	35.5	28.5
28		35	34	32.5	27.5
30		31.5	31.5	30	26.5
32			29	28	25.5
34			26.5	26	24.5
36			24.5	24	23.5
38				22.5	22
40				21	21
44					18
48					16

SLI CODE	2003	2013	2023	2033	2043
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



TN (84°)

LTM 1400
Luffing fly jib (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121.4
360°
b
65 t

Working radius [m]	Telescopic boom length : 26.1 m + TN-adapter 3.1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
22	24				
24	24	20			
26	24	20	16		
28	24	20	16	12.5	
30	24	20	15.5	12.3	9
32	23	20	15.5	12.2	8.8
34	22	19.5	15.5	11.9	8.6
36	21.5	18.5	15	11.7	8.4
38	20.5	18	15	11.4	8.2
40	19.5	17.5	14.5	11.2	8.1
44	17.5	16.5	14	10.8	7.8
48	15	14.5	13.5	10.4	7.6
52	13.5	13	12	10	7.4
56	12	11.5	10.5	9.7	7.2
60		10	9.5	8.8	7
64			8.5	7.7	6.8
68			7.5	6.8	6.2
72				6	5.4
76				5.4	4.6
80					4.1

SLI CODE	2053	2063	2073	2083	2093
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121.5
360°
b
65 t

Working radius [m]	Telescopic boom length : 36.5 m + TN-adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
14	52				
16	51	43			
18	50	42	35		
20	47.5	41.5	34	28	
22	43	40.5	33.5	27.5	22
24	39	37.5	33	27	22
26		34.5	32.5	26.5	21.5
28		31.5	30.5	26	21.5
30		29.5	28	26	21
32		27.5	26	25	21
34			24.5	23	20.5
36			23	21.5	20
38			21.5	20.5	19
40				19	18
44				17	16
48					14.5

SLI CODE	2003	2013	2023	2033	2043
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TAB 78 121 .6
360°
b
65 t

Working radius [m]	Telescopic boom length : 36.5 m + TN-adapter 3.1 m			
	Length of luffing jib			
	56 m	63 m	70 m	77 m
24	17.5			
26	17.5	14		
28	17.5	14	11	
30	17	14	11	8.5
32	17	14	11	8.4
34	17	13.5	11	8.3
36	16.5	13.5	11	8.2
38	16	13.5	11	8.2
40	15.5	13.5	11	8.1
44	15	13	11	8
48	13.5	12.5	10.5	7.9
52	12	11	10	7.7
56	10.5	10	9	7.6
60		8.5	8	7.4
64		7.5	7	6.4
68			6	5.5
72				4.7
76				4.2

SLI CODE	2053	2063	2073	2083
n min	1	1	1	1
G min	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I	92		
	Tele II	92		
	Tele III	0		
Max. permissible wind speed m/sec	9			
Max. permissible slewing speed range	1			

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 121.7
360°
b
65 t

Working radius [m]	Telescopic boom length : 46.9 m + TN-adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
16	32				
18	32	27			
20	31	27	22		
22	31	26.5	22	17	
24	30	26	21.5	17	13.5
26	30	26	21.5	17	13.5
28		26	21	16.5	13
30		25.5	21	16.5	13
32		24.5	21	16.5	13
34		23	20.5	16	13
36			20.5	16	13
38			19	16	12.5
40			18	16	12.5
44				15.5	12.5
48				13	12
52					11.5

SLI CODE	2003	2013	2023	2033	2043
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

Crane supported, working range 360°
support base 10 m × 10 m
65 t counterweight
telescopic sections interlocked
telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 121 .8
360°
b
65 t

Working radius [m]	Telescopic boom length : 46.9 m + TN-adapter 3.1 m			
	Length of luffing jib			
	56 m	63 m	70 m	
26	10			
28	9.9	8		
30	9.8	7.9	6	
32	9.8	7.9	6	
34	9.7	7.8	5.9	
36	9.7	7.8	5.8	
38	9.6	7.7	5.7	
40	9.5	7.7	5.7	
44	9.4	7.6	5.6	
48	9.3	7.5	5.5	
52	9.2	7.4	5.4	
56	9.1	7.3	5.3	
60	8.2	7.2	5.3	
64		6.4	5.2	
68		5.8	4.9	
72			4.4	

SLI CODE	2053	2063	2073
n min	1	1	1
G min	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92
	Tele II		92
	Tele III		92
Max. permissible wind speed [m/sec.]			9
Max. permissible slewing speed range			1

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 84° from horizontal line

TAB 78 130.1
360°
b
30 t

Working radius [m]	Telescopic boom length : 15.7 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
10	93				
11	82				
12	73.5	68.5			
14	60.5	57	53.5		
16	51.5	48.5	46	43.5	
18	45	42	40	38	36.5
20	39	37	35.5	33.5	32.5
22	34	33.5	31.5	30	29
24		29.5	28.5	27	26
26		26.5	26	24.5	23.5
28		23.5	23.5	22.5	21.5
30			21	20.5	19.5
32			19.5	19	18
34			17.5	17.5	17
36				16	15.5
38				15	14.5
40				13.5	13.5
44					11.5
48					10

SLI CODE	2005	2015	2025	2035	2045
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed m/sec			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
 Luffing fly jib (84°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 130 .2
 360°
 b
 30 t

Working radius [m]	Telescopic boom length : 15.7 m + TN-Adapter 3.1 m			
	Length of luffing jib			
	56 m	63 m	70 m	
20	31			
22	27.5	26		
24	25	24	20	
26	22.5	21.5	20	
28	20.5	19.5	19	
30	19	18	17	
32	17	16.5	15.5	
34	16	15	14.5	
36	14.5	14	13.5	
38	13.5	13	12.5	
40	12.5	12	11.5	
44	10.5	10	9.5	
48	9.5	8.5	8	
52	8	7.5	6.5	
56		6.5	5.5	
60		5.5	5	
64			4	
68			3.5	

SLI CODE	2055	2065	2075
n min	1	1	1
G min	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0
	Tele II		0
	Tele III		0
Max. permissible wind speed m/sec			9
Max. permissible slewing speed range			1

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]
 lifting capacities in metric tons [t]



LTM 1400
Luffing fly jib (84°)

TN (84°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 84° from horizontal line

TAB 78 130.3
360°
b
30 t

Working radius [m]	Telescopic boom length : 26.1 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
12	60				
14	50	47			
16	43	40	38.5		
18	37.5	35	33.5	32	
20	33	31	30	28.5	27
22	30	28	26.5	25.5	24.5
24		25	24	23	22
26		23	22	21	20
28		21	20	19	18
30		19.5	18.5	17.5	16.5
32			17	16	15.5
34			16	15	14
36			14.5	14	13
38				13	12
40				12	11.5
44					9.5
48					8.5

SLI CODE	2005	2015	2025	2035	2045
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I	92			
	Tele II	0			
	Tele III	0			
Max. permissible wind speed m/sec	9				
Max. permissible slewing speed range	1				

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
 Luffing fly jib (84°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 130 .4
 360°
 b
 30 t

Working radius [m]	Telescopic boom length : 26.1 m + TN-Adapter 3.1 m			
	Length of luffing jib			
	56 m	63 m	70 m	
22	23			
24	20.5	19.5		
26	18.5	18	16	
28	17	16	15.4	
30	15.5	15	14	
32	14	13.5	12.8	
34	13	12.5	11.7	
36	12	11.5	10.7	
38	11	10.5	9.9	
40	10.5	9.5	9.1	
44	9	8	7.4	
48	7.5	6.5	6	
52	6.5	5.5	5.1	
56	5.5	5	4.3	
60		4.4	3.6	
64			3.1	
68			2.6	

SLI CODE	2055	2065	2075
n min	1	1	1
G min	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92
	Tele II		0
	Tele III		0
Max. permissible wind speed m/sec			9
Max. permissible slewing speed range			1

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]
 lifting capacities in metric tons [t]



Load chart LTM 1400
Luffing jib

TN (84°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
30 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 84° from horizontal line

TAB 78 130.5
360°
b
30 t

Working radius [m]	Telescopic boom length: 36.5 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
14	42				
16	36	34			
18	31.5	30	28.5		
20	28	26.5	25	23.5	
22	25	24	22.5	21	20
24	22.5	21.5	20.5	19	18
26		19.5	18.5	17.5	16.5
28		18	17	16	15
30		16.5	15.5	14.5	13.5
32		15.5	14.5	13.5	12.5
34			13.5	12.5	11.5
36			12.5	11.5	10.5
38			11.5	10.5	9.5
40				10	9
44				8.5	8
48					6.5

SLI CODE	2005	2015	2025	2035	2045
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed m/sec			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]
lifting capacities in metric tons [t]



LTM 1400
 Luffing fly jib (84°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 130 .6
 360°
 b
 30 t

Working radius [m]	Telescopic boom length : 36.5 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	56 m	63 m	70 m		
24	17				
26	15.5	14			
28	14	13	11		
30	12.5	11.9	10.9		
32	11.5	10.9	9.9		
34	10.5	9.9	9		
36	10	9.1	8.2		
38	9	8.3	7.4		
40	8.5	7.5	6.4		
44	7	6	5.2		
48	5.8	5	4.2		
52	5	4.2	3.4		
56	4.3	3.5	2.8		
60		3	2.2		
64		2.5	1.7		

SLI CODE	2055	2065	2075		
n min	1	1	1		
G min	0.5	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed m/sec			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]
 lifting capacities in metric tons [t]



LTM 1400
 Luffing fly jib (84°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 84° from horizontal line

TN (84°)

TAB 78 130.7
 360°
 b
 30 t

Working radius [m]	Telescopic boom length : 46.9 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
16	30.5				
18	27	25			
20	24	22.5	21		
22	21.5	20	19	17	
24	19.5	18	17	16	13.5
26	18	16.5	15.5	14.5	13.5
28		15	14	13	12.5
30		14	13	12	11.4
32		13	12	11	10.4
34		12	11	10	9.6
36			10	9.5	8.8
38			9.5	8.5	8.1
40			8.5	8	7.3
44				6.5	6
48				5.5	5.1
52					4.4

SLI CODE	2005	2015	2025	2035	2045
n min	2	1	1	1	1
G min	1.58	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed m/sec			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]
 lifting capacities in metric tons [t]



LTM 1400
 Luffing fly jib (84°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 84° from horizontal line

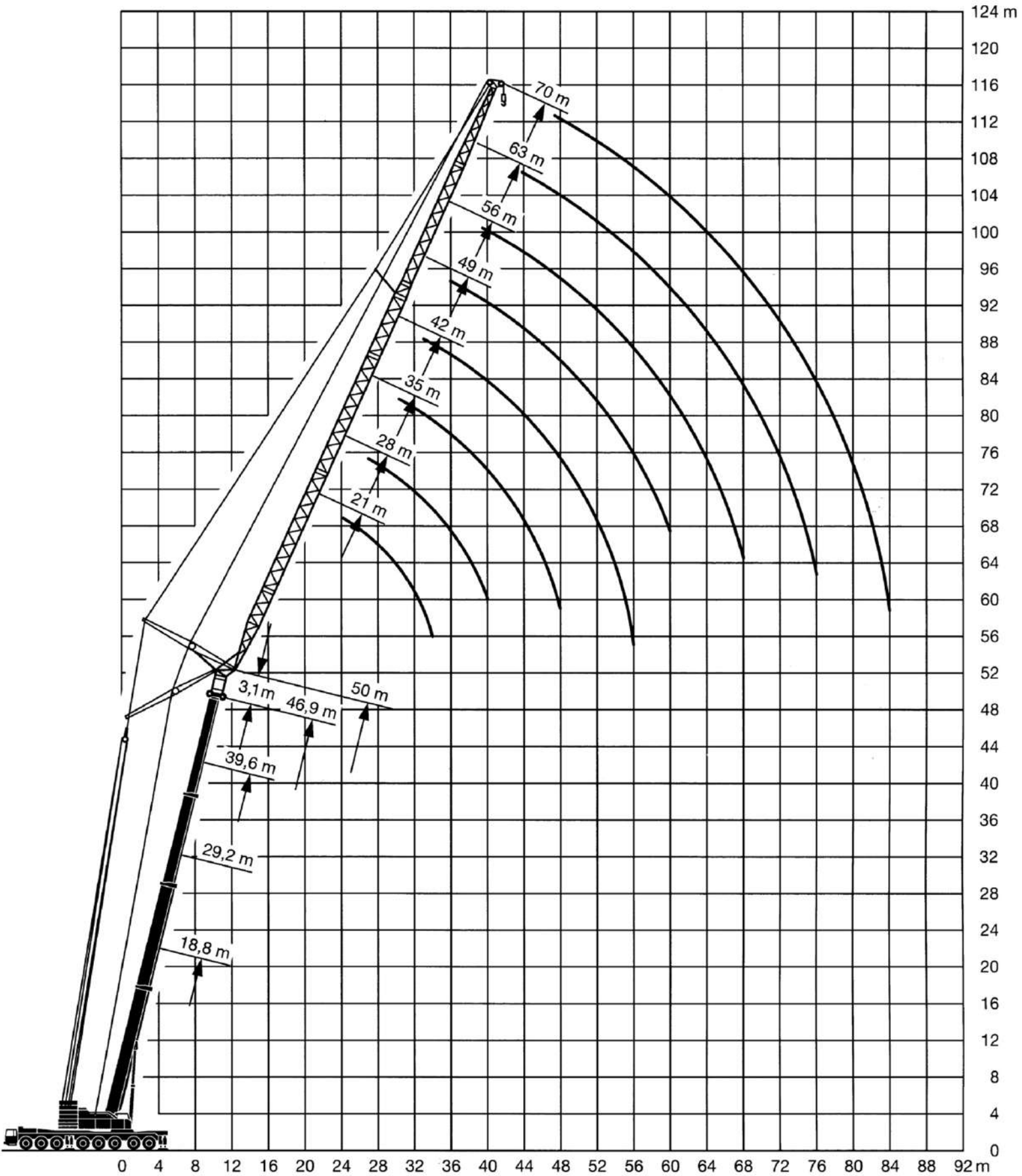
TN (84°)

TAB 78 130 .8
 360°
 b
 30 t

Working radius [m]	Telescopic boom length : 46.9 m + TN-Adapter 3.1 m			
	Length of luffing jib			
	56 m	63 m		
26	10			
28	9.9	8		
30	9.8	7.9		
32	9.4	7.9		
34	8.5	7.6		
36	7.8	6.5		
38	6.9	5.8		
40	6.1	5.2		
44	5.1	4.2		
48	4.2	3.4		
52	3.5	2.7		
56	2.9	2.1		
60	2.4	1.6		

SLI CODE	2055	2065		
n min	1	1		
G min	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed m/sec			9	
Max. permissible slewing speed range			1	

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]
 lifting capacities in metric tons [t]





LTM 1400
Luffing fly jib (76°)
Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line



TAB 78 067.1 part 1

Working radius [m]	Telescopic boom length : 15,7 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
14	80				
16	76				
18	72	64			
20	68	60	52		
22	61	57	50		
24	54	53	48	41	
26		49	46	39	35
28		44	43	37,5	33,5
30		40	40	36	32
32		37	37	34	30,5
34			34	32,5	29
36			32	31	28
38			30	29,5	26,5
40				27,5	25
44				24,5	23
48					20,5
52					19

SLI CODE	3002	3012	3022	3032	3042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 067.1 part 2

Working radius [m]	Telescopic boom length : 15,7 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
30	28				
32	27	23,5			
34	26	23			
36	25	22	19		
38	24	21,5	18,5	14,8	
40	23	20,5	18	14,4	
44	21	19,5	17,5	13,8	10
48	19,5	18	17	13,3	9,6
52	18	17	16	12,8	9,2
56	16,5	16	15	12,2	8,9
60	15,5	15	14,5	11,8	8,6
64		14	13,5	11,2	8,3
68			12,3	10,8	8
72			11,3	10,3	7,8
76				9,8	7,5
80				9	7,3
84					7

SLI CODE	3052	3062	3072	3082	3092
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 067.1 part 3

Working radius [m]	Telescopic boom length : 26,1 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
18	63				
20	59,5	52			
22	56,5	50			
24	50,9	48	42		
26	45,9	45	40	35	
28	41,6	41	38,5	33,5	
30		37,5	37	32	28
32		34,5	34,5	31	27
34		32	31,5	30	26
36			29,5	29	25
38			27,5	27	24
40			25,5	25,5	23,5
44				22,5	22
48				20	19,8
52					17,8
56					16

SLI CODE	3002	3012	3022	3032	3042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 067.1 part 4

Working radius [m]	Telescopic boom length : 26,1 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
34	22,5				
36	21,7	18,5			
38	21	18,2	15,5		
40	20,5	17,8	15,2		
44	19,5	17	14,6	11,4	
48	18,3	16,2	14	11	7,5
52	17,3	15,5	13,6	10,6	7,2
56	15,6	14,8	13	10,2	7
60	14,1	13,6	12,6	9,9	6,8
64		12,3	11,5	9,6	6,7
68		11,2	10,4	9,3	6,5
72			9,4	8,7	6,4
76			8,7	7,8	6,2
80				7,1	6
84					5,6
88					5,1

SLI CODE	3052	3062	3072	3082	3092
n min	1	1	1	1	1
G min	0,5	0,5	0,5	0,5	0,5
Extending condition of telescopic sections in percent %	Tele I	92			
	Tele II	0			
	Tele III	0			
Max. permissible wind speed [m/sec.]	9				
Max. permissible slewing speed range	1				

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
 Luffing jibfly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 067.2 part 1

Working radius [m]	Telescopic boom length : 36,5 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
20	40				
22	39	33			
24	38	32,2			
26	37	31,5	26,4		
28	36	30,8	25,8		
30	35	30	25,2	22	
32		29,4	24,6	21,5	
34		28,7	24	21	18
36		28	23,5	20,5	17,6
38		26,2	23	20	17,2
40			22,5	19,5	16,8
44			21,4	18,7	16
48				17,8	15,3
52				16,6	14,6
56					14

SLI CODE	3002	3012	3022	3032	3042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 067.2 part 2

Working radius [m]	Telescopic boom length : 36,5 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
36	14,5				
38	14,2				
40	13,9	12			
44	13,4	11,5	9,6		
48	12,8	11,1	9,2	6,8	
52	12,3	10,7	8,9	6,6	4,5
56	11,8	10,3	8,6	6,3	4,3
60	11,4	10	8,3	6,1	4,2
64	11	9,6	8,1	6	4
68		9,3	7,9	5,8	3,9
72		8,5	7,6	5,7	3,8
76			6,9	5,6	3,7
80			6,2	5,4	3,6
84					3,5
88					3,5
92					3,3

SLI CODE	3052	3062	3072	3082	3092
n min	1	1	1	1	1
G min.	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (76°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line



TAB 78 067.2 part 3

Working radius [m]	Telescopic boom length : 46,9 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
24	24				
26	23,6				
28	23,2	20			
30	22,8	19,6			
32	22,4	19,3	16		
34	22	19	15,7	13	
36		18,6	15,5	12,8	
38		18,3	15,2	12,6	10
40		18	15	12,4	9,9
44			14,5	12	9,7
48			14	11,7	9,3
52				11,3	9
56				11	8,8
60					8,5

SLI CODE	3002	3012	3022	3032	3042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



Load chart LTM 1400
Luffing fly jib (76°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line



TAB 78 067.2 part 4

Working radius [m]	Telescopic boom length : 46,9 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m		
40	8				
44	7,8	6			
48	7,6	5,8	4		
52	7,4	5,7	3,8		
56	7,2	5,6	3,7		
60	7,0	5,4	3,6		
64	6,8	5,3	3,5		
68	6,6	5,2	3,4		
72		5	3,2		
76		4,8	3,1		
80			3		
84			3		
SLI CODE	3052	3062	3072		
n min	1	1	1		
G min	0.5	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 65 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 068.1 part 1

Working radius [m]	Telescopic boom length: 15,7 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
14	80				
16	73,5				
18	63,8	61,5			
20	55	54,5	52		
22	48,5	48,3	46,7		
24	43	42,8	42,4	40,6	
26		38,3	38,0	37,1	35
28		34,6	34,3	34	32,8
30		31,4	31,2	30,9	30,3
32		28,7	28,5	28,3	28
34			26,2	26	25,8
36			24,3	24	23,8
38			22,5	22,3	22
40				20,7	20,5
44				18,1	17,9
48					15,8
52					14,1

SLI CODE	3003	3013	3023	3033	3043
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (76°)
Crane supported, working range 360°
Supporting base area 10 m × 10 m
65 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line



TAB 78 068.1 part 2

Working radius [m]	Telescopic boom length : 15,7 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
30	28				
32	27	23,5			
34	25,1	23			
36	23,4	22	19		
38	21,7	21,1	18,5	14,8	
40	20,2	19,8	18	14,4	
44	17,6	17,2	16,4	13,8	10
48	15,5	15,0	14,3	13,3	9,6
52	13,7	13,3	12,5	11,8	9,2
56	12,3	11,8	11,1	10,3	8,9
60	11	10,5	9,8	9,1	8,2
64		9,5	8,7	8	7,2
68			7,8	7,1	6,2
72			7	6,2	5,5
76				5,6	4,9
80				5,1	4,3
84					3,9

SLI CODE	3053	3063	3073	3083	3093
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (76°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
65 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line

TN

76°

TAB 78 068.1 part 3

Working radius [m]	Telescopic boom length : 26,1 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
18	53				
20	47	44			
22	42,5	40			
24	38,6	36,5	34		
26	34,9	33	31	30,5	
28	31,4	30,5	29	28	
30		28	27	25,5	24,5
32		25,5	25	24	23
34		23,5	23	22	21
36			21,5	20,5	20
38			20	19,5	18,5
40			18,5	18	17,5
44				16	15
48				14,2	13
52					12
56					10,5

SLI CODE	3003	3013	3023	3033	3043
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving

G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 65 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 068.1 part 4

Working radius [m]	Telescopic boom length : 26,1 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
34	20				
36	19	18			
38	17,5	17	15,5		
40	16,5	15,5	14,5		
44	14,5	14	13	11,4	
48	12,5	12	11	10,4	7,5
52	11	10,5	9,5	8,9	7,2
56	9,5	9	8,5	7,6	6,7
60	8,5	8	7	6,5	5,7
64		7	6,3	5,7	4,9
68		6	5,5	5	4,2
72			5	4,4	3,6
76			4,5	3,8	3,1
80				3,4	2,6
84					2,2
88					1,9

SLI CODE	3053	3063	3073	3083	3093
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
 Luffing fly jib (76°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 65 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 76° from horizontal line



TAB 78 068.2 part I

Working radius [m]	Telescopic boom length : 36,5 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
20	39				
22	35	33			
24	32	30,5			
26	29	28	26		
28	27	26	24,5		
30	25	24	22,5	21,5	
32		22	21	19,5	
34		20,5	19,5	18,5	17,5
36		19,5	18,5	17	16,5
38		18	17	16	15
40			16	15	14
44			14	13	12,5
48				11,5	11
52				10,5	9,5
56					8,5

SLI CODE	3003	3013	3023	3033	3043
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I	92			
	Tele II	92			
	Tele III	0			
Max. permissible wind speed [m/sec.]	9				
Max. permissible slewing speed range	1				

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (76°)
Crane supported, working range 360°
Supporting base area 10 m × 10 m
65 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line



TAB 78 068.2 part 2

Working radius [m]	Telescopic boom length : 36,5 m + TN-adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	
36	14,5				
38	14				
40	13,5	12			
44	11,5	11	9,6		
48	10	9	8,5	6,8	
52	9	8	7,1	6,5	
56	7,5	6,8	6	5,3	
60	6,5	6	5,2	4,4	
64	6	5,3	4,5	3,7	
68		4,7	3,9	3,2	
72		4,2	3,4	2,7	
76			3	2,2	
80			2,6	1,9	
84				1,6	

SLI CODE	3053	3063	3073	3083	
n min	1	1	1	1	
G min	0.5	0.5	0.5	0.5	
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (76°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
65 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line

TN

76°

TAB 78 068.2 part 3

Working radius [m]	Telescopic boom length : 46,9 m + TN-adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
24	24				
26	23,6				
28	23,2	20			
30	22,4	19,6			
32	20,8	19,3	16		
34	19,5	18,2	15,7	13	
36		17,1	15,5	12,8	
38		16,0	14,9	12,6	10
40		15,1	14	12,4	9,9
44			12,3	11,4	9,7
48			10,8	9,9	9
52				8,7	7,8
56				7,7	6,8
60					6

SLI CODE	3003	3013	3023	3033	3043
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



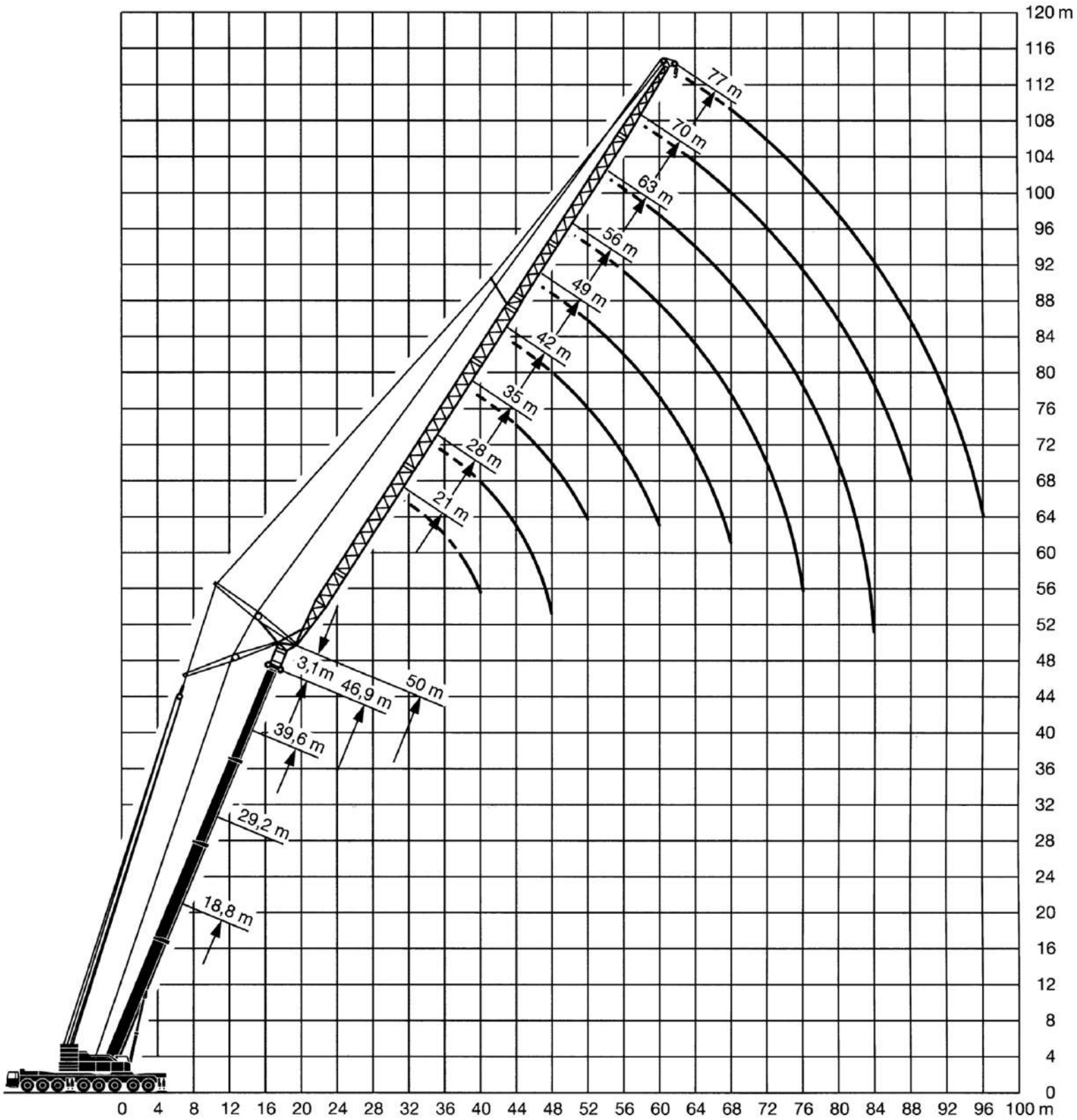
LTM 1400
Luffing fly jib (76°)
Crane supported, working range 360°
Supporting base area 10 m × 10 m
65 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 76° from horizontal line

TN^{76°}

TAB 78 068.2 part 4

Working radius [m]	Telescopic boom length : 46,9 m + TN-adapter 3,1 m			
	Length of luffing jib			
	56 m	63 m		
40	8			
44	7,8	6		
48	7,6	5,8		
52	6,7	5,7		
56	5,8	4,9		
60	5,1	4,2		
64	4,4	3,6		
68	3,9	3,1		
72		2,7		
76		2,4		
SLI CODE	3053	3063		
n min	1	1		
G min	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I		92	
	Tele II		92	
	Tele III		92	
Max. permissible wind speed [m/sec.]			9	
Max. permissible slewing speed range			1	

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]





LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.1 Bl.1

Working radius [m]	Telescopic boom length : 15,7 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
20	67				
22	59				
24	53	52			
26	47	47	45		
28		43	42		
30		39	39	37	
32		36	36	35,5	
34		33	33	32,5	
36			30	30	29
38			28	28	27,5
40			26	26	26
44				23	23
48				20	20
52					18

SLI CODE	4002	4012	4022	4032	4042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.1 Bl.2

Working radius [m]	Telescopic boom length : 15,7 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
40	23				
44	21,5	20			
48	20	19	17,5		
52	18	17,5	17	13	
56	16	15,5	15	12,5	8,8
60	14,5	14	13,5	12	8,6
64		12,5	12,5	11,5	8,3
68		11,5	11	10,5	8
72			10	9,5	7,8
76				8,5	7,6
80				7,5	7,1
84					6,4
88					5,8

SLI CODE	4052	4062	4072	4082	4092
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		0		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line

TN

68°

TAB 78 029.1 B1.3

Working radius [m]	Telescopic boom length : 26,1 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
24	47				
26	42				
28	38	38			
30	35	35			
32	32	32	31		
34		29	29		
36		27	27	26	
38		25	25	24,5	
40			23	23	22,5
44			20	20	20
48				13	17,5
52				15	15,5
56					14
60					12,5

SLI CODE	4002	4012	4022	4032	4042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.1 Bl.4

Working radius [m]	Telescopic boom length : 26,1 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
44	19				
48	17	16			
52	15	14	13,5		
56	13,5	12,5	11,5	10,6	
60	12	11,5	10,5	9,7	7
64	11	10	9	8,6	6,8
68		9	8	7,6	6,6
72		8	7,5	6,7	6,1
76			6,5	6	5,3
80			6	5,4	4,6
84				4,9	4,1
88				4,5	3,7
92					3,3

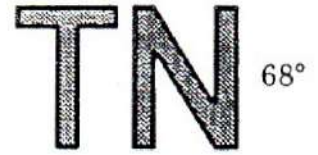
SLI CODE	4052	4062	4072	4082	4092
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		0		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.2 Bl.1

Working radius [m]	Telescopic boom length : 36,5 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
30	27,5				
32	26,5				
34	25,5	23			
36	25	22,5			
38		22	19		
40		21	18,5		
44		18,5	17,5	15,8	
48			16	15,2	13,5
52				13,7	13
56				12,4	11,5
60					10,5
64					9,5

SLI CODE	4002	4012	4022	4032	4042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.2 Bl.2

Working radius [m]	Telescopic boom length : 36,5 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
52	10,8				
56	10,4	8,8			
60	9,6	8,3	6,8		
64	8,6	7,7	6,4	4,8	
68	7,7	6,8	5,9	4,5	3
72	7	6,1	5,2	4,3	2,8
76		5,5	4,7	3,9	2,7
80			4,2	3,4	2,6
84			3,8	3	2,2
88				2,5	1,9
92				2,3	1,5

SLI CODE	4052	4062	4072	4082	4092
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		0		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]



LTM 1400 Luffing fly jib (68°)

Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 68° from horizontal line



TAB 78 029.2 Bl.3

Working radius [m]	Telescopic boom length : 46,9 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
36	15,8				
38	15,5				
40	15,2	13			
44		12,5	10		
48		12	9,7	8	
52			9,4	7,7	6
56			9	7,4	5,7
60				7,2	5,4
64					5,2
68					5

SLI CODE	4002	4012	4022	4032	4042
n min	1	1	1	1	1
G min	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
 G min = minimum hook block weight [t]



LTM 1400
Luffing fly jib (68°)

Crane supported, working range 360°
Supporting base area 10 m × 10 m
95 t counterweight
Telescopic sections interlocked
Telescopic boom angle: 68° from horizontal line



TAB 78 029.2 Bl.4

Working radius [m]	Telescopic boom length : 46,9 m + TN-Adapter 3,1 m				
	Length of luffing jib				
	56 m	63 m	70 m		
56	4,4				
60	4,2	3			
64	4	2,9	2		
68	3,8	2,8	1,9		
72	3,6	2,7	1,8		
76	3,5	2,6	1,7		
80		2,5	1,6		
84		2,4	1,6		

SLI CODE	4052	4062	4072		
n min	1	1	1		
G min	0.5	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I		92		
	Tele II		92		
	Tele III		92		
Max. permissible wind speed [m/sec.]			9		
Max. permissible slewing speed range			1		

n min = minimum hoisting rope reeving
G min = minimum hook block weight [t]