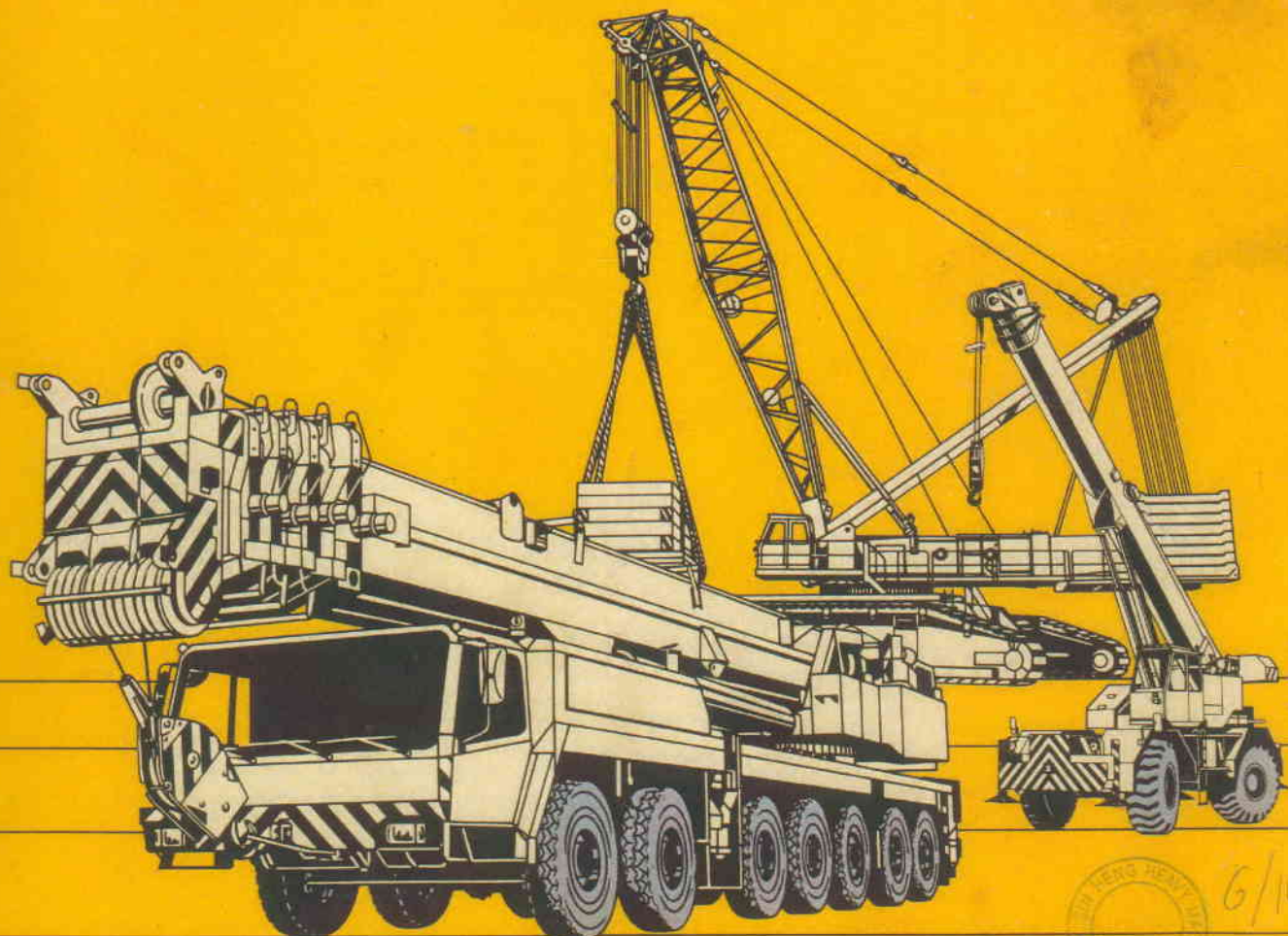


LTM 1450N

Load charts Traglasttabellen



* Crane setting for load indicator. (English)

LIEBHERR

11. Hoisting rope reeving TN- / and TAN-operation

TAB 7800002

Minimum hoisting rope reeving : n min

Minimum hook block weight: G min [t]

T-boom angle	N-jib length	N-jib operation	
		n min	G min [t]
84°	N-21	2	1.58
	N-28 up to N-84	1	0.5
76°	N-21 up to N-84	1	0.5
68°	N-21 up to N-84	1	0.5

N-hoisting rope run: from N-head section
via N-A-bracket I (center)
via N-A-bracket II (center)
to winch I.

DANGER:

if not observing the above instructions concerning the minimum hoisting rope reeving and the minimum weight of hook block, the boom in steep position may move backwards out of control !
There is a risk of accidents !

LTM 1450 N
Telescopic boom, wide supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight

TAB 78 023. 1

1-95

Working radius [m]	Telescopic boom lengths in meters [m]					
	15.7 o.r.*	21.4	26.1 360°	27	31.7	
3.0	400	350				
3.5	340	310				
4.0	300	280				
4.5	275	252	245			
5.0	250	234	229		160	
5.5	233	217	214	192	152	
6	218	203	200	181	145	155
7	192	180	176	163	132	140
8	171	160	157	148	122	127
9	154	145	142	135	113	116
10	139	131	128	123	105	107
12	114	108	105	104	92	92
14			89	88	81	80
16			75	74	73	71
18			63	62	66	63
20				52	59	54
22				45	51	46
24					44.5	39.5
26						34.0
28						30.0
30						

SLI CODE		0022	0002			
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 247 t you need an additional equipment

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LTM 1450 N
Telescopic boom, wide supporting base



Crane supported,
 working range 360°,
 Supporting base area 10 m × 10 m
 95 t counterweight

TAB 78 023. 2

2-95

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	72	63	67	61	57
16	64	56	59	55	50
18	57	51	53	49.5	45
20	52	46.5	48	45	41
22	46.5	42.5	43.5	41	37
24	40	39	40	37.5	34
26	35	36	36.5	34.5	31
28	30.5	33.5	32	32	28.6
30	27	31	28.7	29.4	26.4
32	23.9	28.7	25.5	26.3	24.5
34	21.2	26.1	22.9	23.5	22.7
36			20.6	21.2	21.1
38			18.5	19.2	19.3
40				17.3	17.4
42				15.6	15.7
44					14.2
46					12.9

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		12.8	12.8	11.1	11.1	11.1
Max. permissible slewing speed range		2	2	1	1	1

LTM 1450 N
Telescopic boom. wide supporting base



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

TAB 78 042. 1

1-65

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 247 t you need an additional equipment

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LTM 1450 N
Telescopic boom, wide supporting base



Crane supported.
 working range 360°,
 Supporting base area 10 m × 10 m
 65 t counterweight

TAB 78 042. 2

2-65

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	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

LTM 1450 N
Telescopic boom, wide supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 10 m
 30 t counterweight

TAB 78 025. 1

1-30

Working radius [m]		Telescopic boom lengths in meters [m]				
		15.7	21.4	26.1	27	31.7
3.0		290				
3.5		265				
4.0		243				
4.5		224	220			
5.0		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
E		0004				
dition ctions	Tele I	0	50	92	0	92
	Tele II	0	0	0	50	50
	Tele III	0	0	0	50	0
ble sec		14.3	14.3	12.8	12.8	12.8
ble slewing		2	2	2	2	2

For lifting capacities above 247 t you need an additional equipment

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TAB 78 025. 2

2-30

Load charts LTM 1450 N, no. 78 / 138-02, page 19

LTM 1450 N
Telescopic boom, wide supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 10 m
 Without counterweight

TAB 78 073. 1

Working radius [m]	Telescopic boom lengths in metres [m]				
	15.7	21.4	26.1	27	31.7
3.0	270				
3.5	244				
4.0	223				
4.5	204	200			
5.0	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 247 t you need an additional equipment

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TAB 78 073.2

Load charts LTM 1450 N, no. 78 / 138-02, page 21

LTM 1450 N
Telescopic boom, reduced supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 6.6 m
 95 t counterweight

TAB 78 132. 1

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
6	150	164	172	134	155
7	150	164	161	132	140
8	150	146	135	122	127
9	134	125	116	113	110
10	112	108	101	105	96
12	83	81	79	86	76
14		63	62	68	62
16		51	50	55	51
18		42	41	46.5	42
20			34.5	39.5	35.5
22			29.2	34.5	30
24					25.8
26					22.3
28					19.3

SLI CODE		0012				
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

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LTM 1450 N
Telescopic boom, reduced supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 6.6 m
 95 t counterweight

TAB 78 132. 2

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	93	81	87	76	72
12	74	71	73	68	64
14	61	63	61	59	57
16	51	56	51	50	50
18	43	48	44	43.5	43
20	36	41	38	37.5	37.5
22	30.5	35.5	32.5	33	33
24	26.5	31	28.1	28.9	29
26	22.9	27.4	24.6	25.2	25.5
28	19.9	24.4	21.6	22.2	22.4
30	17.2	21.9	19	19.7	19.9
32	14.9	19.8	16.7	17.4	17.6
34	13.1	18	14.7	15.4	15.6
36			13	13.6	13.8
38			11.5	12.1	12.2
40				10.7	10.8
42				9.6	9.6
44					8.5
46					7.6

SLI CODE		0012				
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

LTM 1450 N
Telescopic boom. reduced supporting base



Crane supported.
 working range 360°
 Supporting base area 10 m × 6.6 m
 65 t counterweight

TAB 78 059. 1

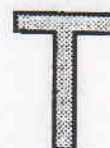
Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3.0	250				
3.5	245				
4.0	240				
4.5	236	230			
5.0	219	209			
5.5	204	182	163	152	
6	184	160	145	145	133
7	146	129	118	125	109
8	120	107	98	105	92
9	99	90	83	91	79
10	82	78	72	79	69
12	60	58	55	62	54
14		44.5	44	49.5	43
16		35	34.5	40	35
18		28.5	27.7	33	28.8
20			22.5	27.9	23.5
22			18.2	23.8	19.3
24				20.6	15.8
26					13.0
28					10.7

SLI CODE		0013				
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 247 t you need an additional equipment

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LTM 1450 N
Telescopic boom, reduced supporting base



Crane supported.
 working range 360°
 Supporting base area 10 m × 6.6 m
 65 t counterweight

TAB 78 059. 2

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7		101	99	92	
8		94	85	81	79
9		83	74	71	70
10		73	65	63	62
12		59	52	51	50
14		48.5	42	41.5	41
16		40.5	35	35	34.5
18		34	29.5	29.4	29.1
20		29	25	25	24.9
22		24.8	21.3	21.5	21.4
24		21.4	18.3	18.5	18.4
26		18.7	15.6	16	15.9
28		16.4	13.1	13.8	13.8
30		14.4	11.1	11.8	12
32		12.7	9.3	10	10.2
34		11.2	7.8	8.5	8.7
36			6.5	7.1	7.3
38			5.4	6	6.1
40				5	5.1
42				4.1	4.1
44					3.3
46					2.6

SLI CODE		0013				
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

LTM 1450 N
Telescopic boom. reduced supporting base

Crane supported.
 working range 360°
 Supporting base area 10 m × 6.6 m
 30 t counterweight



TAB 78 060. 1

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3.0	290				
3.5	263				
4.0	234				
4.5	188	154			
5.0	156	130			
5.5	132	112		107	
6	115	98		95	80
7	89	77		77	65
8	72	63		64	54
9	60	52		55	45
10	49	43.5		47	38
12	34.5	32		36	28.2
14		24.0		28.5	21.2
16		17.5		22.8	16.0
18		12.9		18.1	12.0
20				14.5	8.9
22				11.7	6.4
24				9.4	4.4
26					
28					

SLI CODE		0014				
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 247 t you need an additional equipment

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LTM 1450 N
Telescopic boom, reduced supporting base



Crane supported,
 working range 360°
 Supporting base area 10 m × 6.6 m
 30 t counterweight

TAB 78 060. 2

Working radius [m]	Telescopic boom lengths in meters [m]				
	36.5	36.5	42.1	46.9	50
7		69	59	57	
8		58	50	48	47
9		50	43	41.5	40.5
10		44	37	36	35.5
12		34	28.3	27.9	27.5
14		27.4	22.0	21.9	21.7
16		22.3	17.2	17.4	17.2
18		18.3	13.5	13.8	13.8
20		15.2	10.6	10.9	10.9
22		12.7	8.2	8.6	8.6
24		10.5	6.2	6.6	6.7
26		8.5	4.5	5.0	5.1
28		6.9	3.1	3.6	3.7
30		5.6			
32		4.5			
34		3.6			

SLI CODE		0014				
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

LTM 1450 N
Telescopic boom, reduced supporting base

Crane supported
 working range 360°
 supporting base area 10 m × 6.6 m
 without counterweight



TAB 78 115

Working radius [m]	Telescopic boom lengths in meters [m]				
	15.7	21.4	26.1	27	31.7
3.0	208				
3.5	142				
4.0	106				
4.5	83				
5.0	67				
5.5	56				
				46.5	
6	46.5			40.5	
7	34.5			31.5	
8	25.8			24.8	
9	19.8			19.9	
10	15.3			16.1	
12	9.0			10.5	
14				6.7	
16					
18					
20					
22					
24					
26					
28					

SLI CODE		0015				
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

LTM 1450 N
Guyed telescopic boom
 Crane supported.
 working range 360°
 Supporting base area 10 m × 10 m
 125 t counterweight

TA

TAB 78 048. 1

Working radius [m]	Telescopic boom lengths in meters [m]			
	26.1	27	31.7	36.5
5.5	200	145		
6	193	145	160	
7	180	145	153	123
8	163	140	146	120
9	150	135	138	115
10	136	126	128	110
12	114	112	110	97
14	97	99	96	87
16	85	89	85	79
18	73	79	74	71
20	65	70	65	64
22	57	62	58	58
24		51	51	52
26			45	46
28			39.5	41
30				36.5
32				33
34				24

SLI CODE		0041			
Extending condition of telescopic sections in percent %	Tele I	92	0	92	92
	Tele II	0	50	50	92
	Tele III	0	50	0	0
Max. permissible wind speed m/sec		12.8	12.8	12.8	12.8
Max. permissible slewing speed range		2	2	2	2

LTM 1450 N
Guyed telescopic boom
 Crane supported.
 working range 360°
 Supporting base area 10 m × 10 m
 125 t counterweight

TA

TAB 78 048. 2

Working radius [m]	Telescopic boom lengths in meters [m]			
	36.5	42.1	46.9	50
7	90	105	88	
8	89	103	86	77
9	88	100	84	76
10	86	98	82	74
12	82	88	76	70
14	77	79	70	65
16	70	72	64	60
18	64	65	58	56
20	59	59	54	51
22	54	54	49.5	47
24	49.5	49.5	46	43.5
26	45.5	45.5	42.5	40
28	42.5	42	39.5	37
30	40	38	37	34
32	37.5	34.5	34.5	32
34	29	31	32	29.8
36		28.7	29.4	28
38		26	26.9	26.2
40			24.8	24.8
42			22.8	22.9
44				21.1
46				17.5
SLI CODE		0041		
Extending condition of telescopic sections in percent %	Tele I	0	92	92
	Tele II	92	92	92
	Tele III	92	50	92
Max. permissible wind speed m/sec		12.8	11.1	11.1
Max. permissible slewing speed range		2	1	1

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LTM 1450 N
Guyed telescopic boom
 Crane supported,
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight

TA

TAB 78 049. 1

Working radius [m]	Telescopic boom lengths in metres [m]			
	26.1	27	31.7	36.5
5.5	200	145		
6	193	145	160	
7	177	145	153	123
8	158	140	146	120
9	142	135	138	115
10	129	126	128	110
12	107	112	108	97
14	90	95	91	87
16	77	82	78	78
18	63	69	65	66
20	53	59	54	55
22	45.5	51	46.5	47.5
24		44.5	40	41
26			35	36
28			31	31.5
30				28
32				24.8
34				22.1

SLI CODE		0042			
Extending condition of telescopic sections in percent %	Tele I	92	0	92	92
	Tele II	0	50	50	92
	Tele III	0	50	0	0
Max. permissible wind speed m/sec		12.8	12.8	12.8	12.8
Max. permissible slewing speed range		2	2	2	2

LTM 1450 N
Guyed telescopic boom
 Crane supported,
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight

TA

TAB 78 049. 2

Working radius [m]	Telescopic boom lengths in meters [m]			
	36.5	42.1	46.9	50
7	90	105	88	
8	89	103	86	77
9	88	100	84	76
10	86	98	82	74
12	82	88	76	70
14	77	79	70	65
16	70	72	64	60
18	64	65	58	56
20	59	57	54	51
22	52	49.5	49.5	47
24	46	43	44	43.5
26	41	37.5	38.5	38.5
28	36.5	33.5	34	34.5
30	32.5	29.9	30.5	30.5
32	29.7	26.6	27.5	27.6
34	26.9	23.8	24.7	24.8
36		21.4	22.2	22.3
38		19.3	20.1	20.2
40			18.2	18.3
42			16.4	16.5
44				14.9
46				13.5

SLI CODE		0042			
Extending condition of telescopic sections in percent %	Tele I	0	92	92	100
	Tele II	92	92	92	100
	Tele III	92	50	92	100
Max. permissible wind speed m/sec		12.8	11.1	11.1	11.1
Max. permissible slewing speed range		2	1	1	1

LTM 1450 N
Guyed telescopic boom

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

TA

TAB 78 050. 1

Working radius [m]	Telescopic boom lengths in meters [m]			
	26.1	27	31.7	36.5
5.5	200	145		
6	189	145	160	
7	167	145	153	123
8	149	140	146	120
9	133	135	133	115
10	119	124	117	110
12	95	102	91	88
14	74	80	73	71
16	58	64	59	58
18	46.5	53	48	48
20	37.5	44	39	40
22	31	37	32.5	33.5
24		32	27.4	28.3
26			23.2	24.1
28			19.6	20.5
30				17.4
32				14.8
34				12.6
SLI CODE		0043		
Extending condition of telescopic sections in percent %	Tele I	92	0	92
	Tele II	0	50	92
	Tele III	0	50	0
Max. permissible wind speed m/sec		13	13	13
Max. permissible slewing speed range		2	2	2

LTM 1450 N
Guyed telescopic boom

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

TA

TAB 78 050. 2

Working radius [m]	Telescopic boom lengths in meters [m]			
	36.5	42.1	46.9	50
7	90	105	88	
8	89	103	86	77
9	88	100	84	76
10	86	98	82	74
12	82	86	76	70
14	77	71	69	65
16	66	58	57	56
18	55	49	48.5	47.5
20	46	41.5	41.5	41
22	39	35.5	36	35.5
24	33.5	30	31	31
26	29.2	26	27	27
28	25.6	22.5	23.4	23.6
30	22.7	19.5	20.5	20.6
32	20.2	16.9	17.9	18
34	18	14.6	15.6	15.7
36		12.7	13.6	13.7
38		11	11.9	12
40			10.4	10.5
42			9.1	9.1
44				7.9
46				6.9

SLI CODE		0043			
Extending condition of telescopic sections in percent %	Tele I	0	92	92	100
	Tele II	92	92	92	100
	Tele III	92	50	92	100
Max. permissible wind speed m/sec		12.8	11.1	11.1	11.1
Max. permissible slewing speed range		2	1	1	1

49

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported.
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked

TF
 0 deg.

TAB 78 019. 1

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	27.5	
28	26.2	
30	25.0	
32	23.7	
34	22.4	
36	21.0	
38	19.5	
40	17.8	
42	16.0	
44	14.5	
46	13.0	
48	11.8	
50	10.6	
52	9.6	

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		9
Max. permissible slewing speed range		1

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked

TF
 0 deg.

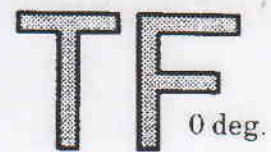
TAB 78 019. 2

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	27.0
28	25.3
30	23.8
32	22.2
34	20.8
36	19.4
38	18.1
40	17.0
42	15.9
44	14.6
46	13.2
48	11.9
50	10.8
52	9.7
56	7.9

SLI CODE		1001
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

48

LTM 1450 N
 Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



TAB 78 019.3

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	20.0	
18	29.8	24.1	18.8	14.9
20	27.9	22.7	17.8	14.0
22	26.1	21.4	16.8	13.2
24	24.5	20.1	16.0	12.4
26	23.0	19.0	15.2	11.7
28	21.7	17.9	14.4	11.1
30	20.5	16.9	13.6	10.5
32	19.4	16.0	12.8	9.9
34	18.4	15.1	12.2	9.4
36	17.4	14.3	11.6	9.0
38	16.2	13.6	11.0	8.6
40	15.2	12.9	10.5	8.2
42	14.3	12.3	10.1	7.8
44	13.4	11.8	9.6	7.5
46	12.7	11.3	9.2	7.1
48	11.9	10.8	8.8	6.8
50	11.0	10.1	8.4	6.5
52	10.0	9.5	8.0	6.2
56	8.1	8.4	7.4	5.6
60	6.5	6.9	6.8	5.1
64		5.5	5.8	4.7
68		4.3	4.8	4.3
72			3.7	3.8
76			2.8	2.9
80				2.1
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				9	
Max. permissible slewing speed range				1	

LTM 1450 N
 Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked

TF
 0 deg.

TAB 78 019. 4

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	12.0				
20	11.3	9.2			
22	10.7	8.6	6.5	4.7	
24	10.0	8.0	6.0	4.3	
26	9.4	7.5	5.6	4.0	
28	8.9	7.0	5.2	3.7	
30	8.4	6.6	4.8	3.4	
32	8.0	6.2	4.5	3.2	
34	7.5	5.8	4.2	3.0	
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	2.0	
48	5.2	3.9	2.8	1.9	
50	5.0	3.7	2.6		
52	4.8	3.5	2.5		
56	4.4	3.2	2.2		
60	4.1	2.9	2.0		
64	3.8	2.6	1.8		
68	3.5	2.4	1.6		
72	3.2	2.2	1.4		
76	2.9	2.0			
80	2.5	1.8			
84	1.8	1.6			
		1241	1251	1261	1271
Condition	Tele I	92			
itions	Tele II	92			
	Tele III	92			
le		9			
ec					
le slewing		1			

47

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported.
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



TAB 78 019. 5

Working adius [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	2.0	
46	1.9	
48	1.8	

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		9
Max. permissible slewing speed range		1

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked

TF
 0 deg.

TAB 78 020. 1

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	9.0	
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 %	Tele I	92
	Tele II	92
	Tele III	50
Max. permissible wind speed m/sec		9
Max. permissible slewing speed range		1

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LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 Supporting base area 10 m × 10 m
 65 t counterweight
 Telescopic sections interlocked



TAB 78 020. 2

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	8.0	
46	6.9	
48	5.9	
50	5.0	
52	4.2	
56	2.9	

SLI CODE		1002
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

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked

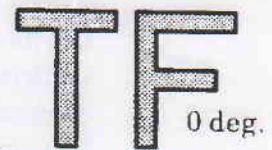
TF
 0 deg.

TAB 78 020. 3

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	20.0	
18	29.8	24.1	18.8	14.9
20	27.9	22.7	17.8	14.0
22	26.1	21.4	16.8	13.2
24	24.5	20.1	16.0	12.4
26	23.0	19.0	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	16.0	12.8	9.9
34	15.4	15.1	12.2	9.4
36	13.7	13.7	11.6	9.0
38	12.0	12.2	11.0	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	3.0	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	

LTM 1450 N
Fixed lattice fly jib 0°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked



TAB 78 020. 4

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	12.0			
20	11.3	9.2		
22	10.7	8.6	6.5	4.7
24	10.0	8.0	6.0	4.3
26	9.4	7.5	5.6	4.0
28	8.9	7.0	5.2	3.7
30	8.4	6.6	4.8	3.4
32	8.0	6.2	4.5	3.2
34	7.5	5.8	4.2	3.0
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	2.0
48	5.2	3.9	2.8	1.9
50	5.0	3.7	2.6	
52	4.8	3.5	2.5	
56	3.7	3.2	2.2	
60	2.6	2.4	2.0	
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	

TF 0 deg.

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	2.0
46	1.9
48	1.8

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

44

LTM 1450 N
Fixed lattice fly jib 0°

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

TF

TAB 78 056. 1

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

LTM 1450 N
Fixed lattice fly jib 0°

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

TF

TAB 78 056. 2

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 %	Tele I	92
	Tele II	92
	Tele III	92
Max. permissible wind speed [m/sec.]		9
Max. permissible slewing speed range		1

43

LTM 1450 N
Fixed lattice fly jib 0°

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



TAB 78 056.3

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	Tele I		92	
of telescopic sections	Tele II		92	
in percent %	Tele III		92	
Max. permissible wind speed [m/sec.]			9	
Drehgeschwindigkeits- bereich			1	

LTM 1450 N
Fixed lattice fly jib 0°

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

TF

TAB 78 056. 4

Working radius [m]	Telescopic boom length: 46.9 m ;T-lengthening 8.9 m Length of fixed fly jib		
	40 m	47 m	
18	10.7		
20	10.7	8.0	
22	10.7	8.0	
24	10.0	8.0	
26	9.4	7.5	
28	8.9	7.0	
30	8.0	6.6	
32	6.3	5.9	
34	4.8	4.4	
36	3.7	3.5	
38	2.8	2.6	

SLI CODE		1243	1253	
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

42

LTM 1450
Fixed lattice fly jib 20°
 Crane supported.
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



TAB 78 021. 1

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 8.9 m Length of fixed fly jib 12 m
16	26.0
18	25.0
20	24.0
22	23.1
24	22.2
26	21.2
28	20.2
30	19.2
32	18.4
34	17.6
36	16.9
38	16.2
40	15.5
42	14.9
44	14.3
46	13.7
48	12.8
50	11.6
52	10.4
56	8.4

SLI CODE		1205
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

LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



TAB 78 021. 2

	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	24.0		
	20	23.1	17.0	
	22	22.2	16.3	
	24	21.3	15.7	11.5
	26	20.5	15.1	11.1
	28	19.6	14.6	10.7
	30	18.6	14.1	10.3
	32	17.7	13.5	9.9
	34	16.8	12.9	9.6
	36	16.1	12.4	9.3
	38	15.4	11.9	9.0
	40	14.7	11.5	8.7
	42	14.1	11.0	8.4
	44	13.5	10.6	8.2
	46	12.8	10.2	7.9
	48	12.0	9.8	7.7
	50	11.3	9.4	7.4
	52	10.6	9.1	7.1
	56	8.6	8.5	6.6
	60	6.9	7.7	6.2
	64	5.4	6.2	5.8
	68		4.8	5.4
	72			4.4
	76			3.3
	80			
	84			
	88			
	SLI CODE		1205	1215
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		

441

LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



TAB 78 021. 3

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	8.0		
30	7.6		
32	7.3	5.0	
34	7.0	4.9	
36	6.7	4.7	3.5
38	6.4	4.5	3.4
40	6.1	4.3	3.2
42	5.9	4.1	3.1
44	5.7	3.9	3.0
46	5.5	3.8	2.9
48	5.3	3.7	2.7
50	5.1	3.6	2.6
52	4.9	3.4	2.5
56	4.6	3.2	2.3
60	4.4	3.0	2.1
64	4.2	2.8	1.9
68	3.9	2.7	1.7
72	3.6	2.6	1.6
76	3.4	2.5	1.5
80	2.8	2.3	1.4
84	1.8	2.2	1.3
88		1.6	

SLI CODE		1235	1245	1255
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	

LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported
 working range 360°
 Supporting base area 10 m × 10 m
 95 t counterweight
 telescopic sections interlocked



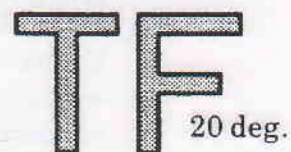
TAB 78 021. 4

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m	
	Length of fixed fly jib 47 m	
38	3.2	
40	3.1	
42	3.0	
44	2.9	
46	2.7	
48	2.6	
50	2.5	
52	2.4	
56	2.2	
60	2.0	
64	1.8	
68	1.6	
72	1.5	
76	1.4	
80	1.3	

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		9
Max. permissible slewing speed range		1

40

LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked



TAB 78 022. 1

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 8.9 m Length of fixed fly jib 12 m
16	26.0
18	25.0
20	24.0
22	23.1
24	22.2
26	21.2
28	20.2
30	19.2
32	18.4
34	17.1
36	15.2
38	13.4
40	11.8
42	10.3
44	9.0
46	7.9
48	6.8
50	5.8
52	4.9
56	3.3

SLI CODE	1206
Extending condition	92
of telescopic sections	92
in percent %	50
Tele I	
Tele II	
Tele III	
Max. permissible wind speed m/sec	9
Max. permissible slewing speed range	1

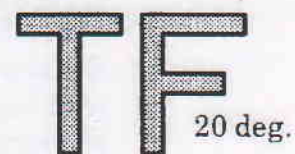
LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported.
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked



TAB 78 022. 2

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	24.0		
20	23.1	17.0	
22	22.2	16.3	
24	21.3	15.7	11.5
26	20.5	15.1	11.1
28	19.6	14.6	10.7
30	18.6	14.1	10.3
32	17.7	13.5	9.9
34	16.8	12.9	9.6
36	15.1	12.4	9.3
38	13.4	11.9	9.0
40	11.8	11.5	8.7
42	10.3	11.0	8.4
44	9.0	9.8	8.2
46	7.9	8.6	7.9
48	6.8	7.5	7.7
50	5.9	6.5	7.4
52	5.1	5.7	6.5
56	3.6	4.2	4.7
60	2.2	3.0	3.5
64		1.8	2.4
68			1.5
SLI CODE	1206	1216	1226
Extending condition	Tele I	92	
of telescopic sections	Tele II	92	
in percent %	Tele III	92	
Max. permissible wind speed m/sec		9	
Max. permissible slewing speed range		1	

LTM 1450 N
Fixed lattice fly jib 20°
 Crane supported.
 working range 360°
 supporting base area 10 m × 10 m
 65 t counterweight
 telescopic sections interlocked



TAB 78 022.3

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	8.0		
30	7.6		
32	7.3	5.0	
34	7.0	4.9	
36	6.7	4.7	3.5
38	6.4	4.5	3.4
40	6.1	4.3	3.2
42	5.9	4.1	3.1
44	5.7	3.9	3.0
46	5.5	3.8	2.9
48	5.3	3.7	2.7
50	5.1	3.6	2.6
52	4.9	3.4	2.5
56	4.6	3.2	2.3
60	3.8	3.0	2.1
64	2.7	2.8	1.9
68	1.8	2.2	1.7
72		1.3	1.4

SLI CODE		1236	1246	1256
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	

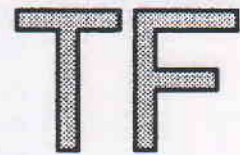
TF 20 deg.

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m Length of fixed fly jib 47 m
38	3.2
40	3.1
42	3.0
44	2.9
46	2.7
48	2.6
50	2.5
52	2.4
56	2.2
60	2.0
64	1.8
68	1.6

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LTM 1450 N
Fixed lattice fly jib 20°

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



TAB 78 057. 1

Working radius [m]	Telescopic boom length : 42.1 m; T-lengthening 8.9 m Length of fixed fly jib 12 m
16	26.0
18	25.0
20	22.1
22	18.5
24	15.5
26	13.0
28	10.8
30	9.0
32	7.4
34	5.9
36	4.7
38	3.5
40	2.5

SLI CODE	1207
Extending condition of telescopic sections in percent %	92 92 50
Tele I Tele II Tele III	
Max. permissible wind speed [m/sec.]	9
Max. permissible slewing speed range	1

LTM 1450 N
Fixed lattice fly jib 20°

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

TF

TAB 78 057. 2

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	24.0		
20	21.7	17.0	
22	18.2	16.3	
24	15.3	15.7	11.5
26	12.9	13.9	11.1
28	10.8	11.8	10.7
30	9.0	10.0	10.3
32	7.4	8.4	9.6
34	5.8	6.8	8.1
36	4.6	5.5	6.5
38	3.5	4.4	5.2
40	2.6	3.4	4.1
42		2.5	3.2
44			2.4

SLI CODE		1207	1217	1227
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	

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LTM 1450 N
Fixed lattice fly jib 20°

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

TF

TAB 78 057. 3

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	8.0		
30	7.6		
32	7.3	5.0	
34	7.0	4.9	
36	6.7	4.7	3.5
38	5.8	4.5	3.4
40	4.5	4.3	3.2
42	3.6	4.1	3.1
44	2.8	3.4	3.0
46	2.1	2.6	2.8
48		2.0	2.1

SLI CODE		1237	1247	1257
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	

LTM 1450 N
Fixed lattice fly jib 20°

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

TF

TAB 78 057. 4

Working radius [m]	Telescopic boom length : 50 m; T-lengthening 8.9 m
	Length of fixed fly jib 47 m
38	3.2
40	3.1
42	3.0
44	2.9
46	2.5
48	1.8

SLI CODE		1257
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

LTM 1450 N
Luffing fly jib (84°)

Crane supported, working range 360°

Supporting base 10 m × 10 m

95 t counterweight

Telescopic sections interlocked

Telescopic boom angle: 84° from horizontal line

TN 84°

TAB 78 117. 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
10	100				
11	96				
12	92	84			
14	86	80	64		
16	82	76	62	51	
18	79	72	60	49	39
20	68	66	58	48	38.5
22	58	60	56	47	37.5
24		55	52	45	37
26		50	47	44	36
28		46	44	42	34
30			40	39	32.5
32			37	36	30.5
34			34	33	29
36				31	27.5
38				29	26
40				27	24
44					21.5
48					19

SLI CODE		2002	2012	2022	2032	2042
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]

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 117.2

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
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	27.5	24	19.5	14.9	11.3
36	26	24	19	14.6	11.1
38	25	22.5	19	14.3	10.9
40	23	21.5	19	14	10.8
44	21	19.5	18.5	13.4	10.5
48	18.5	18	17	12.8	10.1
52	17	16.5	16	12.2	9.8
56		15.5	15	11.6	9.4
60		14.5	14	11	9
64			13	10.5	8.6
68			12	10	8.2
72				9.4	7.8
76					7.4
80					7
SLI CODE	2052	2062	2072	2082	2092
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 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 117.3

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
12	84				
14	81	67			
16	78	66	53		
18	76	64	52	41	
20	70	63	51	40	30
22	62	58	50	39.5	30
24		53	49	39	29.5
26		49	47	38	28.5
28		45	44	37.5	27.5
30		41	40	35	26.5
32			37	32.5	25.5
34			34	30.5	24.5
36			32	28.5	23.5
38				26.5	22.5
40				25	21.5
44					19.5
48					18

SLI CODE		2002	2012	2022	2032	2042
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]

LTM 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 117. 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
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	20	17.5	14.5	11.2	8.1
44	18.5	16.5	14	10.8	7.8
48	17	15.5	13.5	10.4	7.6
52	16	14.5	13	10	7.4
56	14.5	13.5	12	9.7	7.2
60		13	11.5	9.4	7
64			11	9	6.8
68			10.5	8.6	6.6
72				8.3	6.4
76				8	6.2
80					
SLI CODE	2052	2062	2072	2082	2092
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 Tele II Tele III		92 0 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 1450 N
Luffing fly jib (84°)

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



TAB 78 117.5

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	48	41.5	34	28	
22	47	40.5	33.5	27.5	22
24	46	40	33	27	22
26		39	32.5	26.5	21.5
28		38	32	26	21.5
30		37	31	26	21
32		36	30	25	21
34			29	24.5	20.5
36			28	24	20
38			27	23	19
40				22	18.5
44				21	17.5
48					16.5

SLI CODE		2002	2012	2022	2032	2042
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]

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 117.6

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
24	17.5				
26	17.5	14			
28	17.5	14	11		
30	17	14	11	8.5	
32	17	14	11	8.4	6
34	17	13.5	11	8.3	5.9
36	16.5	13.5	11	8.2	5.8
38	16	13.5	11	8.2	5.8
40	15.5	13.5	11	8.1	5.7
44	15	13	11	8	5.6
48	14.5	12.5	10.5	7.9	5.5
52	13.5	12	10.5	7.7	5.4
56	13	11.5	10.5	7.6	5.3
60		11	10.5	7.5	5.3
64		10.5	10	7.4	5.2
68			10	7.3	5.2
72				7.1	5.1
76				7	5.1
80					5
84					5

SLI CODE	2052	2062	2072	2082	2092
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 Tele II Tele III		92 92 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 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 117. 7

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		25	21	16.5	13
34		25	20.5	16	13
36			20.5	16	13
38			20	16	12.5
40			20	16	12.5
44				15.5	12.5
48				15.5	12
52					12

SLI CODE		2002	2012	2022	2032	2042
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					
	Tele III					
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 1450 N
Luffing fly jib

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

TN 84°

TAB 78 117.8

Working radius [m]	Telescopic boom length : 46.9 m + TN-adapter 3.1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m*	84 m*
26	10				
28	9.9	8.0			
30	9.8	7.9	6.0		
32	9.8	7.9	6.0		
34	9.7	7.8	5.9	4.0	
36	9.7	7.8	5.8	4.0	
38	9.6	7.7	5.7	3.9	
40	9.5	7.7	5.7	3.9	
44	9.4	7.6	5.6	3.9	
48	9.3	7.5	5.5	3.8	
52	9.2	7.4	5.4	3.8	2.0
56	9.1	7.3	5.3	3.7	2.0
60	9.0	7.2	5.3	3.7	2.0
64		7.1	5.2	3.7	2.0
68		7	5.1	3.6	2.0
72			5.0	3.6	2.0
76				3.6	2.0
80				3.5	2.0
84					2.0

SLI CODE	2052	2062	2072	2082	2092
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				

* = for erection see special instructions in the operating instructions manual.

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

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 121. 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
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]

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 121. 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
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]

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 121. 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
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]

LTM 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 121. 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
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]

LTM 1450 N
Luffing fly jib (84°)

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



TAB 78 121. 5

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]

LTM 1450 N
Luffing fly jib (84°)

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

TN 84°

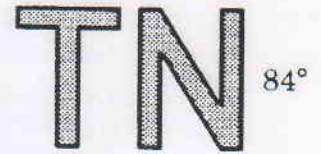
TAB 78 121. 6

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 Tele II Tele III		92 92 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 1450 N
Luffing fly jib (84°)

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



TAB 78 121.7

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]

LTM 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 121. 8

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 Tele II Tele III		92 92 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]

29

LTM 1450 N
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



TAB 78 130. 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
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		2004	2014	2024	2034	2044
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]

LTM 1450 N
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



TAB 78 130. 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		
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	2054	2064	2074		
n min	1	1	1		
G min	0.5	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III		0 0 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]

28

LTM 1450 N
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 78 130.3

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	
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	
E		2004	2014	2024	2034	2044
n min		2	1	1	1	1
G min		1.58	0.5	0.5	0.5	0.5
dition ctions	Tele I	92				
	Tele II	0				
	Tele III	0				
ole sec		9				
ble slewing		1				

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

LTM 1450 N
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

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	2054	2064	2074		
n min	1	1	1		
G min	0.5	0.5	0.5		
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III		92 0 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]

29

LTM 1450 N
Luffing jib

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

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		2004	2014	2024	2034	2044
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]

LTM 1450 N
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



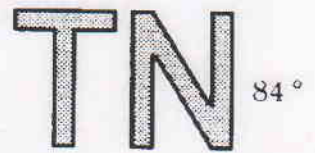
TAB 78 130. 6

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		2054	2064	2074	
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]

LTM 1450 N
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



TAB 78 130. 7

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		2004	2014	2024	2034	2044
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]

LTM 1450 N
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

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	2054	2064			
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]

25

LTM 1450 N
Luffing fly jib (84°)

75%
DIN
BS

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

TN 84°

TAB 78 123

Working radius [m]	Telescopic boom length : 46.9 m + TN-adapter 3.1 m + 7.0 m Length of luffing jib								
	21 m	28 m	35 m	42 m	49 m	56 m	63 m	70 m	
18	22.0								
20	21.6	18.5							
22	21.2	18.3	15.0						
24	21.0	18.1	14.8	12.0					
26	20.6	17.9	14.7	11.9	9.0				
28	20.3	17.7	14.6	11.8	8.9	7.0			
30		17.5	14.4	11.7	8.8	6.9	5.4		
32		17.3	14.3	11.6	8.8	6.8	5.3	4.0	
34		17.1	14.2	11.5	8.7	6.7	5.3	3.9	
36			14.1	11.4	8.6	6.7	5.2	3.8	
38			14.1	11.3	8.5	6.6	5.2	3.8	
40			14.0	11.2	8.4	6.5	5.1	3.7	
44				11.1	8.3	6.4	5.1	3.6	
48				11.0	8.2	6.3	5.0	3.5	
52					8.1	6.2	4.9	3.3	
56					8.0	6.1	4.8	3.1	
60						6.0	4.7	3.0	
64							4.6	2.9	
68							4.5	2.8	
72								2.6	
76								2.5	
SLI CODE		0603	0613	0623	0633	0643	0653	0663	0673
n min		2	1	1	1	1	1	1	1
G min		1.58	0.5	0.5	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]

75%
DIN
BS

LTM 1450 N
Luffing fly jib (84°)

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

TN 84°

TAB 78 207

Working radius [m]	Telescopic boom length : 46.9 m + TN-adapter 3.1 m + 7 m						
	Length of luffing jib						
	21 m	28 m	35 m	42 m	49 m	56 m	
18	22.0						
20	21.6	18.5					
22	21.2	18.3	15.0				
24	21.0	18.1	14.8	12.0			
26	20.6	17.9	14.7	11.9	9.0		
28	20.3	17.7	14.6	11.8	8.9	7.0	
30		17.5	14.4	11.7	8.8	6.9	
32		17.3	14.3	11.6	8.8	6.8	
34		17.0	14.2	11.5	8.7	6.7	
36			14.1	11.4	8.6	6.7	
38			14.1	11.3	8.5	6.6	
40			13.4	11.2	8.4	6.5	
44				10.9	8.3	6.4	
48				9.5	8.2	6.3	
52					7.5	6.2	
56					6.5	5.6	
60						4.9	
SLI CODE	0604	0614	0624	0634	0644	0654	
n min	2	1	1	1	1	1	
G min	1.58	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]

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LTM 1450 N
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

TN 76°

TAB 78 067. 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 1450 N
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

TN 76°

TAB 78 067. 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 Tele II Tele III		0 0 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]

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LTM 1450 N
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. 5

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 1450 N
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. 6

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	

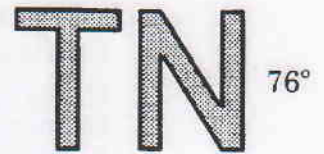
SLI CODE		3053	3063	3073	3083	
n min		1	1	1	1	
G min		0.5	0.5	0.5	0.5	
Extending condition of telescopic sections in percent %	Tele I	92				
	Tele II	92				
	Tele III	0				
Max. permissible wind speed [m/sec.]		9				
Max. permissible slewing speed range		1				

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

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LTM 1450 N
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

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 1450 N
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

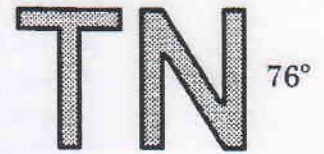
Working radius [m]	Telescopic boom length : 15.7 m + TN-adapter 3.1 m				
	Length of luffing jib				
	56 m	63 m	70 m	77 m	84 m
30	28				
32	27	23.5			
34	25.1	23			
36	23.4	22	19		
38	21.7	21.1	18.5	14.8	
40	20.2	19.8	18	14.4	
44	17.6	17.2	16.4	13.8	10
48	15.5	15.0	14.3	13.3	9.6
52	13.7	13.3	12.5	11.8	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 1450 N
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. 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				

LTM 1450 N
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. 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 1450 N
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

TN 76°

TAB 78 067. 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 1450 N
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. 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 Tele II Tele III	92 0 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]

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LTM 1450 N
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. 5

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 1450 N
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. 6

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	14.2				
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 Tele II Tele III	92 92 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 1450 N
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

TN 76°

TAB 78 067.7

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 1450 N
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

TN 76°

TAB 78 067. 8

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 1450 N
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 78 068.7

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 1450 N
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°

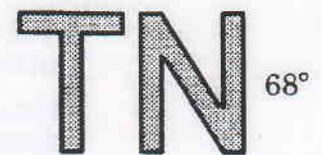
TAB 78 068. 8

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 1450 N
Luffing fly jib (68°)

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



TAB 78 032. 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	69				
22	64				
24	60	54			
26	56.5	51	45		
28		49	43		
30		47	41	37	
32		44	39	35.5	
34		40.5	37.5	34	
36			36	32.5	29
38			34.5	31	27.5
40			33	30	26
44				27.5	24
48				25	22
52					20.5
SLI CODE	4001	4011	4021	4031	4041
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 Tele II Tele III		0 0 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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 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	19	18	17	13	
56	18	17	16	12.5	8.8
60	17	16	15.5	12	8.6
64		15.5	15	11.7	8.3
68		14.5	14.2	11.3	8
72			13.6	11	7.8
76			12.8	10.6	7.6
80				10.2	7.4
84					7.2
88					7
92					
SLI CODE	4051	4061	4071	4081	4091
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 Tele II Tele III		0 0 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]

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LTM 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 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	50				
26	47				
28	44.5	40			
30	42.5	38.5			
32	40	37	34		
34		35.5	33		
36		34	32	29.5	
38		32	31	28.5	
40			30	28	26
44			26.5	26	24.5
48				23.5	23
52				21	20.5
56					18.5
60					17
SLI CODE	4001	4011	4021	4031	4041
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 Tele II Tele III		0 0 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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 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	21.5				
48	20	17.5			
52	19	17	15		
56	18	16	14.3	10.6	
60	16.5	15.5	13.9	10.3	7
64	15	14.5	13.4	10	6.8
68		13.5	12.9	9.8	6.6
72		12.5	11.8	9.6	6.5
76			10.8	9.4	6.4
80			9.9	9.1	6.3
84				8.4	6.2
88				7.8	6.1
92					6
SLI CODE	4051	4061	4071	4081	4091
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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 5

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		21.5	18.5		
44		20.5	17.5	15.8	
48			17	15.2	13.5
52				14.7	13
56				14.2	12.6
60					12.2
64					12
SLI CODE	4001	4011	4021	4031	4041
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 Tele II Tele III	92 92 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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 6

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	10	8.3	6.8		
64	9.7	8	6.4	4.8	
68	9.4	7.7	6.1	4.5	3
72	9.1	7.4	5.8	4.3	2.8
76		7.1	5.5	4.1	2.7
80			5.2	3.9	2.6
84			5	3.7	2.4
88				3.6	2.3
92				3.4	2.2
96					2.1
100					2
SLI CODE	4051	4061	4071	4081	4091
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 Tele II Tele III		92 92 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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 5

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		21.5	18.5			
44		20.5	17.5	15.8		
48			17	15.2	13.5	
52				14.7	13	
56				14.2	12.6	
60					12.2	
64					12	
E		4001	4011	4021	4031	4041
n min		1	1	1	1	1
G min		0.5	0.5	0.5	0.5	0.5
Additional sections	Tele I	92				
	Tele II	92				
	Tele III	0				
Lifting speed [m/sec.]		9				
Maximum slewing		1				

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

LTM 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032. 6

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	10	8.3	6.8		
64	9.7	8	6.4	4.8	
68	9.4	7.7	6.1	4.5	3
72	9.1	7.4	5.8	4.3	2.8
76		7.1	5.5	4.1	2.7
80			5.2	3.9	2.6
84			5	3.7	2.4
88				3.6	2.3
92				3.4	2.2
96					2.1
100					2
SLI CODE	4051	4061	4071	4081	4091
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 Tele II Tele III		92 92 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 1450 N
Luffing fly jib (68°)

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



TAB 78 032. 7

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		4001	4011	4021	4031	4041
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 1450 N
Luffing fly jib (68°)

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

TN 68°

TAB 78 032.8

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	4051	4061	4071	4081	4091
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 Tele II Tele III		92 92 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 1450 N
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

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 1450 N
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

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 1450 N
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. 3

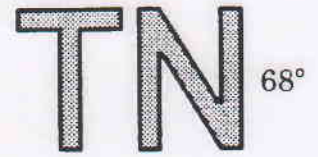
Working radius [m]	Telescopic boom length : 26.1 m + TN-Adapter 3.1 m				
	Length of luffing jib				
	21 m	28 m	35 m	42 m	49 m
24	47				
26	42				
28	38	38			
30	35	35			
32	32	32	31		
34		29	29		
36		27	27	26	
38		25	25	24.5	
40			23	23	22.5
44			20	20	20
48				18	17.5
52				16	15.5
56					14
60					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 1450 N
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. 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 Tele II Tele III	92 0 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 1450 N
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 78 029.5

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 1450 N
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. 6

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 Tele II Tele III		92 92 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]

9

LTM 1450 N
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. 7

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 1450 N
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. 8

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]

LTM 1450 N**Guyed telescopic boom with luffing jib (76°)**

Crane supported, working range 360°

Supporting base area 10 m × 10 m

125 t counterweight

Telescopic sections interlocked

Telescopic boom angle: 76° from horizontal line

TAN 76°**TAB 78 108. 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
22	46				
24	45.5	38			
26	45	37.5			
28	43.5	37	31		
30	40	37	31	25.1	
32		36.5	30.5	24.7	
34		34	30	24.3	19.5
36		31.5	29.7	23.9	19.1
38			29.3	23.6	18.8
40			27.5	23.3	18.4
44			24.3	22.8	17.8
48				21.4	17.2
52					16.6
56					16.0
SLI CODE	3201	3211	3221	3231	3241
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 1450 N**Guyed telescopic boom with luffing jib (76°)**

Crane supported. working range 360°

Supporting base area 10 m × 10 m

125 t counterweight

Telescopic sections interlocked

Telescopic boom angle: 76° from horizontal line

TAN 76°**TAB 78 108. 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	16.3				
38	16.0				
40	15.8	13.0			
44	15.4	12.7	10.0		
48	15.0	12.4	9.8	7.6	
52	14.6	12.2	9.6	7.4	5.2
56	14.3	11.9	9.5	7.2	5.0
60	13.9	11.7	9.3	7.0	4.9
64	13.6	11.5	9.2	6.9	4.8
68		11.4	9.1	6.8	4.6
72		11.2	9.0	6.7	4.5
76			8.9	6.7	4.5
80				6.6	4.4
84				6.5	4.4
88					4.3
92					4.3

SLI CODE		3251	3261	3271	3281	3291
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**Guyed telescopic boom with luffing 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

TAN 76°**TAB 78 109. 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
22	46				
24	45.5	38			
26	42.5	37.5			
28	39	37	31		
30	36.5	35	31	25.1	
32		32.5	30.5	24.7	
34		30.5	29.4	24.3	19.5
36		28.7	27.7	23.9	19.1
38			26.1	23.6	18.8
40			24.7	23.3	18.4
44			21.9	21.0	17.8
48				19.0	17.2
52					16.5
56					14.9

SLI CODE		3202	3212	3222	3232	3242
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
Guyed telescopic boom with luffing 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

TAN 76°

TAB 78 109. 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	16.3				
38	16.0				
40	15.8	13.0			
44	15.4	12.7	10.0		
48	15.0	12.4	9.8	7.6	
52	14.6	12.2	9.6	7.4	5.2
56	14.2	11.9	9.5	7.2	5.0
60	12.8	11.7	9.3	7.0	4.9
64	11.6	10.8	9.2	6.9	4.8
68		9.8	8.9	6.8	4.6
72		8.9	8.1	6.7	4.5
76			7.3	6.6	4.5
80				6.0	4.4
84				5.4	4.4
88					4.0
92					3.6
SLI CODE	3252	3262	3272	3282	3292
n min	1	1	1	1	1
G mi	0.5	0.5	0.5	0.5	0.5
Extending condition of telescopic sections in percent %	Tele I Tele II Tele III	92 92 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 1450 N**Guyed telescopic boom with luffing jib (68°)**

Crane supported, working range 360°

Supporting base area 10 m × 10 m

125 t counterweight

Telescopic sections interlocked

Telescopic boom angle: 68° from horizontal line

TAN 68°**TAB 78 106. 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	34				
32	33				
34	32.5	29.0			
36	32.0	28.5			
38		28.1	24.8		
40		27.8	24.5		
44			23.9	20.6	
48			22.0	20.1	17.2
52				19.2	16.7
56				17.4	16.3
60					15.5
64					14.2

SLI CODE		4201	4211	4221	4231	4241
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 1450 N
Gyved telescopic boom with luffing jib (68°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 125 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 68° from horizontal line

TAN 68°

TAB 78 106. 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	14.5				
56	14.1	11.8			
60	13.8	11.5	9.1		
64	13.4	11.2	8.8	6.9	
68	12.2	10.9	8.5	6.7	4.8
72		10.6	8.3	6.5	4.6
76		9.7	8.1	6.3	4.4
80			7.9	6.1	4.2
84			7.5	6	4.1
88				5.9	4
92				5.7	3.9
96					3.8
100					3.7
SLI CODE	4251	4261	4271	4281	4291
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 1450 N
Guyed telescopic boom with luffing jib (68°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 125 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 68° from horizontal line


 68°

TAB 78 106. 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	20.1				
38	19.7				
40	19.4	17.1			
44		16.5	14		
48		16	13.5	11.4	
52			13.1	11	9.2
56				10.6	8.8
60				10.2	8.4
64					8.1
68					7.8

SLI CODE		4201	4211	4221	4231	4241
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 1450 N
Guyed telescopic boom with luffing jib (68°)
 Crane supported, working range 360°
 Supporting base area 10 m × 10 m
 125 t counterweight
 Telescopic sections interlocked
 Telescopic boom angle: 68° from horizontal line

TAN 68°

TAB 78 106. 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	77 m	
56		7.1				
60		6.7	5.2			
64		6.4	4.9	3.8		
68		6.2	4.7	3.5	2.6	
72		6	4.5	3.3	2.4	
76		5.8	4.4	3.1	2.2	
80			4.3	3	2.1	
84			4.2	2.9	2	
88				2.8	1.9	
92					1.8	
96					1.7	
SLI CODE		4251	4261	4271	4281	
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	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
Guyed telescopic boom with luffing 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

TAN

TAB 78 107. 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	32				
32	29.7				
34	27.8	26.5			
36	25.7	24.9			
38		23.4	22.4		
40		22.1	21.1		
44			18.9	17.8	
48			17.1	16.0	15.3
52				14.5	13.8
56				13.0	12.4
60					11.2
64					10.1

SLI CODE		4202	4212	4222	4232	4242
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
Guyed telescopic boom with luffing 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

TAN

TAB 78 107.3

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	20.1				
38	19.7				
40	19.4	17.1			
44		16.5	14.0		
48		15.5	13.5	11.4	
52			13.1	11.0	9.2
56				10.6	8.8
60				9.8	8.4
64					8.0
68					7.2
SLI CODE	4202	4212	4222	4232	4242
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 Tele II Tele III		92 92 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
Guyed telescopic boom with luffing 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

TAN

TAB 78 107. 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	77 m	
56	7.1				
60	6.7	5.2			
64	6.4	4.9	3.8		
68	6.2	4.7	3.5	2.6	
72	5.6	4.5	3.3	2.4	
76	5.1	4.2	3.1	2.2	
80		3.8	3.0	2.1	
84		3.5	2.7	1.9	
88			2.4	1.6	
SLI CODE	4252	4262	4272	4282	
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 Tele II Tele III		92 92 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]