



LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1100-5 - 120 TON CAPACITY

Lifting capacities on the folding jib Forces de levage à la fléchette pliante

38 ft - 171 ft

35 ft

360°

77200 lbs

85%

	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	38.6																		9
10	38.6																		10
11	38.6																		11
12	38.6																		12
13	38.6																		13
14	38.6																		14
15	38.6																		15
16	38.6																		16
17	38.3																		17
18	37.8																		18
20	36.6																		20
22	34.8	33.2																	22
24	32.9	32.8																	24
26	31	32		34.1															26
28	29.7	30.7		33.6			30.6												28
30	28.5	29.3		33.1			30.5												30
32	27.3	28	4.5	32.6			30.2		24.3										32
34	26.1	26.8	24	32.1			29.8		24.1										34
36	24.9	25.7	23.1	31.6			29.5		23.7										36
38	23.6	24.7	22.2	31.2	27.3		29.2		23.3			18.7			15.3				38
40	22.6	23.6	21.3	30.8	27.2		28.9		23			18.7			15.2				40
45	20.9	21	19.1	29.8	26.3		28.3	25.2	22.2	20.9		18			14.6				45
50	19.1	19.3	17.6	28.3	25.1	20.8	27.2	24.5	21.2	21.5	20.2	17.4	16.3		14	13.1			50
55	17.4			26.6	23.9	20.5	25.9	23.6	20.8	20.7	19.5	18.1	16.7	15.9	15	13.4	12.8	12.3	55
60				25	22.8	20	24.4	22.6	20	19.8	18.7	18	16	15.3	14.9	12.8	12.4	12.2	60
65				23.4	21.7	19.3	23	21.7	19.3	19	17.9	17.3	15.4	14.7	14.4	12.3	11.9	11.7	65
70				21.9	20.7	18.6	21.8	20.9	18.7	18.3	17.2	16.7	14.8	14.2	13.9	11.9	11.4	11.3	70
75				20.5	19.8	18	20.6	20	18.1	17.6	16.5	16.1	14.2	13.6	13.4	11.4	11	10.8	75
80				19.1	18.9	17.2	19.3	19.2	17.6	16.9	15.9	15.5	13.7	13.2	13	11	10.6	10.5	80
85				17.7	17.7	16.4	18	18.2	17.1	16.2	15.3	14.9	13.2	12.7	12.6	10.6	10.2	10.1	85
90				16.2	16.5	15.8	16.2	16.9	16.7	15.4	14.8	14.4	12.8	12.3	12.2	10.3	9.9	9.8	90
95				14.8	15.3	14.8	14.8	15.4	15.7	14.4	14.3	14	12.4	11.9	11.8	9.9	9.5	9.4	95
100				13.3	14.3	13.7	13.7	14	14.5	13.2	13.7	13.6	12	11.6	11.5	9.6	9.2	9.1	100
105				11.9	13.3	12.8	12.9	13.1	13.1	12.1	12.8	13.2	11.6	11.2	11.2	9.2	8.9	8.9	105
110				11.4	12.3	11.9	11.9	12.3	12.6	11.3	11.8	12.2	11.3	10.9	10.9	8.9	8.7	8.6	110
115				10.8	11.4	11.3	11.1	11.5	11.8	10.7	10.9	11.2	10.5	10.6	10.7	8.6	8.4	8.4	115
120				10.2	10.6	10.7	10.2	10.6	10.9	10.2	10.2	10.5	9.7	10.2	10.3	8.4	8.2	8.2	120
125				9.4	9.7	9.9	9.5	9.9	10.1	9.7	9.9	9.9	9	9.4	9.7	8.1	7.9	8	125
130				8.9	9.1	9.2	9.1	9.2	9.4	9	9.3	9.5	8.3	8.7	9	7.8	7.7	7.8	130
135				8.5	8.6	8.7	8.7	8.8	8.9	8.4	8.7	8.9	7.7	8.1	8.4	7.4	7.5	7.6	135
140				8.1	8.2	8.4	8.3	8.4	8.5	7.8	8.1	8.3	7	7.5	7.7	6.8	7.2	7.4	140
145							7.8	8	8	7.3	7.5	7.7	6.5	6.9	7.1	6.2	6.8	7	145
150							7.3	7.4	7.5	6.8	7	7.1	5.9	6.4	6.5	5.7	6.3	6.3	150
155							6.8	7		6.3	6.5	6.6	5.4	5.8	5.9	5.2	5.7	5.8	155
160										5.8	6	6.1	4.9	5.3	5.4	4.7	5.2	5.2	160
165										5.3			4.4	4.7	4.8	4.3	4.6	4.7	165
170										4.9			4	4.2	4.3	3.8	4.1	4.3	170
175													3.6	3.8	3.8	3.4	3.6	3.8	175
180													3.2			3	3.2	3.3	180
185																2.6	2.8	2.8	185
190																2.3	2.4	2.3	190

TAB 171273 / 171275 / 171277

STERLING CRANE

Lifting capacities on the folding jib Forces de levage à la fléchette pliante



ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	18.5																		14
15	18.5																		15
16	18.5																		16
17	18.4																		17
18	18.3																		18
20	18																		20
22	17.8																		22
24	17.5																		24
26	17.3																		26
28	16.7																		28
30	16.1																		30
32	15.5	11.9		13.3															32
34	14.9	11.7		13.3															34
36	14.3	11.3		13.3															36
38	13.7	11		13.3			12.7			11.9			10.7						38
40	13.2	10.7		13.3			12.7			11.9			10.7						40
45	12.3	10		13.2			12.7			11.9			10.7			9			45
50	11.4	9.4	8.0	13.1	10.5		12.7			11.9			10.7			9			50
55	10.6	8.9	7.8	12.9	10.4		12.5	10.3		11.8			10.7			8.9			55
60	9.8	8.5	7.5	12.6	10		12.3	10.2		11.6			10.7			8.7			60
65	9.1	8.1	7.3	12.3	9.7		12.1	9.9		11.4	9.7		10.5	9.5		8.7			65
70	8.6	7.8	7.1	11.9	9.4	7.7	11.8	9.6	7.8	11.2	9.5		10.4	9.3		8.6	8.3		70
75	8.2	7.5	7.0	11.6	9.2	7.7	11.6	9.3	7.7	11.1	9.3	7.7	10.1	9.1		8.4	8.2		75
80	7.8	7.2	6.9	11.3	8.9	7.6	11.4	9.1	7.6	10.9	9.1	7.7	9.9	9		8.1	7.9		80
85	7.5	7	6.8	10.9	8.7	7.5	11.2	8.8	7.5	10.8	8.8	7.6	9.6	8.8	7.5	7.9	7.7	7.6	85
90	7.1			10.6	8.5	7.4	10.8	8.6	7.4	10.6	8.7	7.5	9.4	8.6	7.5	7.6	7.5	7.5	90
95				10.3	8.3	7.3	10.5	8.4	7.4	10.4	8.5	7.4	9.1	8.5	7.4	7.4	7.2	7.3	95
100				9.9	8.2	7.3	10.2	8.3	7.3	10.2	8.4	7.3	8.9	8.3	7.4	7.2	7	7	100
105				9.6	8.1	7.2	9.9	8.1	7.3	9.9	8.2	7.3	8.7	8.2	7.3	7	6.8	6.8	105
110				9.3	8	7.2	9.6	8	7.2	9.7	8.1	7.3	8.5	8.1	7.3	6.8	6.6	6.6	110
115				9.1	7.8	7.1	9.4	7.9	7.2	9.5	8	7.3	8.3	8	7.3	6.6	6.4	6.4	115
120				8.8	7.7	7	9.1	7.7	7.2	9.2	7.9	7.3	8.1	7.9	7.3	6.4	6.2	6.3	120
125				8.5	7.6	6.9	8.9	7.6	7.2	9	7.8	7.3	7.9	7.7	7.3	6.2	6.1	6.1	125
130				8.1	7.5	6.8	8.6	7.5	7.2	8.6	7.7	7.3	7.7	7.5	7.3	6	5.9	5.9	130
135				7.7	7.4	6.7	8.4	7.5	7.2	8.1	7.6	7.3	7.5	7.4	7.3	5.9	5.8	5.8	135
140				7.3	7.2	6.5	8.1	7.4	7.2	7.6	7.5	7.2	7.3	7.2	7.2	5.7	5.6	5.7	140
145				6.9	6.9	6.3	7.7	7.4	7.2	7.2	7.4	7.2	7.1	7	7.2	5.6	5.5	5.6	145
150				6.5	6.6	6.1	7.1	7.4	7.2	7	7	7.2	6.5	6.9	7	5.4	5.4	5.4	150
155				6.1	6.3	5.9	6.7	7.1	7.1	6.7	6.8	7	6	6.6	6.9	5.3	5.2	5.3	155
160				5.7	6	5.7	6.5	6.7	6.9	6.3	6.6	6.8	5.5	6.2	6.5	5.1	5.1	5.2	160
165				5.3	5.7		6.3	6.3	6.5	5.9	6.4	6.6	5	5.8	6	4.8	5	5.1	165
170				4.9	5.4		6	6.2	6.4	5.4	5.9	6.1	4.6	5.3	5.5	4.4	4.9	5.1	170
175							5.6	5.9	5.9	5	5.5	5.6	4.2	4.8	5	4	4.6	4.8	175
180							5.3	5.5		4.6	5.1	5.2	3.8	4.3	4.6	3.6	4.2	4.5	180
185										4.2	4.6	4.6	3.4	3.9	4.1	3.2	3.8	4	185
190										3.9	4.1	4.1	3	3.4	3.6	2.8	3.4	3.6	190
195										3.5					2.7	3	2.5	3	195
200															2.3	2.6	2.2	2.7	200
205															2		2.2	2.2	205

TAB 171273 / 171275 / 171277

STERLING CRANE

Lifting capacities on the folding jib Forces de levage à la fléchette pliante



ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	38.6																		9
10	38.6																		10
11	38.6																		11
12	38.6																		12
13	38.6																		13
14	38.6																		14
15	38.6																		15
16	38.6																		16
17	38.3																		17
18	37.8																		18
20	36.6																		20
22	34.8	33.2																	22
24	32.9	32.8																	24
26	31	32		34.1															26
28	29.7	30.7		33.6			30.6												28
30	28.5	29.3		33.1			30.5												30
32	27.3	28	24.5	32.6			30.2		24.3										32
34	26.1	26.8	24	32.1			29.8		24.1										34
36	24.9	25.7	23.1	31.6			29.5		23.7										36
38	23.6	24.7	22.2	31.2	27.3		29.2		23.3		18.7				15.3				38
40	22.6	23.6	21.3	30.8	27.2		28.9		23		18.7				15.2				40
45	20.9	21	19.1	29.8	26.3		28.3	25.2	22.2	20.9		18			14.6				45
50	19.1	19.3	17.6	28.3	25.1	20.8	27.2	24.5	21.2	21.5	20.2	17.4	16.3		14	13.1			50
55	17.4			26.6	23.9	20.5	25.9	23.6	20.8	20.7	19.5	18.1	16.7	15.9	15	13.4	12.8	12.3	55
60				24.9	22.8	20	24.2	22.6	20	19.8	18.7	18	16	15.3	14.9	12.8	12.4	12.2	60
65				23.2	21.7	19.3	21.8	21.7	19.3	19	17.9	17.3	15.4	14.7	14.4	12.3	11.9	11.7	65
70				21	20.7	18.6	19.5	20.4	18.7	18.3	17.2	16.7	14.8	14.2	13.9	11.9	11.4	11.3	70
75				18.9	19.6	18	18	18.7	18.1	17.1	16.5	16.1	14.2	13.6	13.4	11.4	11	10.8	75
80				17	18.1	17.2	16.8	16.9	17.4	15.5	15.8	15.5	13.7	13.2	13	11	10.6	10.5	80
85				15.4	16.4	16.4	15.2	15.5	16	13.9	15	14.9	13.2	12.7	12.6	10.6	10.2	10.1	85
90				14	14.9	15.4	13.8	14.5	14.8	13.1	13.6	14.2	12.5	12.3	12.2	10.3	9.9	9.8	90
95				12.7	13.5	14.1	12.7	13.4	13.8	12.3	12.4	13	11.5	11.9	11.8	9.9	9.5	9.4	95
100				11.6	12.2	12.8	11.8	12.2	12.8	11.5	11.6	11.9	10.4	11.2	11.4	9.5	9.2	9.1	100
105				10.9	11.1	11.5	11.3	11.1	11.6	10.5	11.2	11.2	9.4	10.2	10.8	9.1	8.9	8.9	105
110				10.4	10.5	10.5	10.4	10.7	10.8	9.6	10.2	10.6	8.5	9.2	9.8	8.2	8.7	8.6	110
115				10	10	10	9.5	10	10.1	8.8	9.4	9.8	7.7	8.3	8.9	7.4	8	8.3	115
120				9.5	9.6	9.7	8.7	9.2	9.5	8	8.5	9	6.9	7.5	8	6.6	7.3	7.8	120
125				8.7	9	9.2	8	8.4	8.7	7.3	7.8	8.2	6.2	6.8	7.2	5.9	6.6	7	125
130				8.1	8.4	8.5	7.3	7.7	7.9	6.6	7.1	7.4	5.6	6.1	6.5	5.3	5.9	6.3	130
135				7.5	7.7	7.8	6.7	7.1	7.2	6.1	6.5	6.7	5	5.5	5.8	4.7	5.3	5.6	135
140				6.9	7.1	7.1	6.1	6.4	6.6	5.5	5.9	6.1	4.4	4.9	5.2	4.2	4.7	5	140
145							5.5	5.8	5.9	4.9	5.3	5.5	3.9	4.3	4.6	3.7	4.1	4.4	145
150							5	5.2	5.3	4.4	4.7	4.8	3.5	3.8	4.1	3.2	3.6	3.9	150
155							4.5	4.7		3.9	4.2	4.3	3	3.3	3.5	2.8	3.2	3.4	155
160										3.4	3.6	3.7	2.5	2.9	3	2.4	2.7	2.9	160
165										3				2.4	2.5		2.3	2.5	165
170										2.6				1.9	2		1.8	2	170

TAB 171274 / 171276 / 171278

STERLING CRANE

Lifting capacities on the folding jib Forces de levage à la fléchette pliante



ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	18.5																		14
15	18.5																		15
16	18.5																		16
17	18.4																		17
18	18.3																		18
20	18																		20
22	17.8																		22
24	17.5																		24
26	17.3																		26
28	16.7																		28
30	16.1																		30
32	15.5	11.9		13.3															32
34	14.9	11.7		13.3															34
36	14.3	11.3		13.3															36
38	13.7	11		13.3			12.7			11.9			10.7						38
40	13.2	10.7		13.3			12.7			11.9			10.7						40
45	12.3	10		13.2			12.7			11.9			10.7			9			45
50	11.4	9.4	8	13.1	10.5		12.7			11.9			10.7			9			50
55	10.6	8.9	7.8	12.9	10.4		12.5	10.3		11.8			10.7			8.9			55
60	9.8	8.5	7.5	12.6	10		12.3	10.2		11.6			10.7			8.7			60
65	9.1	8.1	7.3	12.3	9.7		12.1	9.9		11.4	9.7		10.5	9.5		8.7			65
70	8.6	7.8	7.1	11.9	9.4	7.7	11.8	9.6	7.8	11.2	9.5		10.4	9.3		8.6	8.3		70
75	8.2	7.5	7	11.6	9.2	7.7	11.6	9.3	7.7	11.1	9.3	7.7	10.1	9.1		8.4	8.2		75
80	7.8	7.2	6.9	11.3	8.9	7.6	11.4	9.1	7.6	10.9	9.1	7.7	9.9	9		8.1	7.9		80
85	7.5	7	6.8	10.9	8.7	7.5	11.2	8.8	7.5	10.8	8.8	7.6	9.6	8.8	7.5	7.9	7.7	7.6	85
90	7.1			10.6	8.5	7.4	10.8	8.6	7.4	10.6	8.7	7.5	9.4	8.6	7.5	7.6	7.5	7.5	90
95				10.3	8.3	7.3	10.5	8.4	7.4	10.4	8.5	7.4	9.1	8.5	7.4	7.4	7.2	7.3	95
100				9.9	8.2	7.3	10.2	8.3	7.3	10.2	8.4	7.3	8.9	8.3	7.4	7.2	7	7	100
105				9.6	8.1	7.2	9.9	8.1	7.3	9.8	8.2	7.3	8.7	8.2	7.3	7	6.8	6.8	105
110				9.3	8	7.2	9.5	8	7.2	9	8.1	7.3	8.5	8.1	7.3	6.8	6.6	6.6	110
115				9.1	7.8	7.1	9.1	7.9	7.2	8.4	8	7.3	8	8	7.3	6.6	6.4	6.4	115
120				8.6	7.7	7	8.4	7.7	7.2	8.1	7.9	7.3	7.5	7.9	7.3	6.4	6.2	6.3	120
125				7.9	7.6	6.9	7.8	7.6	7.2	7.8	7.8	7.3	6.8	7.7	7.3	6.2	6.1	6.1	125
130				7.5	7.5	6.8	7.6	7.5	7.2	7.2	7.6	7.3	6.1	7.2	7.3	5.8	5.9	5.9	130
135				7.2	7.2	6.7	7.2	7.3	7.2	6.6	7.3	7.3	5.5	6.6	7.1	5.3	5.8	5.8	135
140				7	6.9	6.5	6.7	7.1	7.2	6	6.8	7.1	5	5.9	6.7	4.7	5.5	5.7	140
145				6.8	6.7	6.3	6.2	6.8	7	5.5	6.2	6.8	4.5	5.4	6	4.2	5.1	5.5	145
150				6.4	6.6	6.1	5.7	6.3	6.6	5	5.7	6.2	4	4.8	5.4	3.8	4.6	5.2	150
155				5.9	6.3	5.9	5.2	5.8	6.1	4.6	5.2	5.6	3.6	4.3	4.9	3.3	4.1	4.7	155
160				5.5	5.8	5.7	4.7	5.3	5.5	4.1	4.7	5.1	3.2	3.9	4.4	2.9	3.7	4.2	160
165				5	5.3		4.3	4.8	5	3.7	4.3	4.6	2.8	3.4	3.9	2.5	3.2	3.7	165
170				4.6	4.8		3.9	4.3	4.4	3.3	3.8	4.1	2.4	3	3.4	2.1	2.8	3.3	170
175							3.5	3.8	3.9	2.9	3.3	3.6	2	2.6	3	1.8	2.4	2.8	175
180							3.1	3.4		2.5	2.9	3.1		2.2	2.5		2.1	2.4	180
185										2.2	2.5	2.6							185
190										1.8	2.1	2.1							190

TAB 171274 / 171276 / 171278