



## LIFTING CHARTS - All Terrain Cranes

### LIEBHERR MODEL LTM 1150-5 - 170 TON CAPACITY

#### Lifting capacities on telescopic boom Forces de levage à la flèche télescopique

	41 ft - 184 ft		360°		110200 lbs		85%																		
	ft												ft												
	41 ft	54 ft	67 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	41 ft	54 ft	67 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	
9	*	269																							
10	352	266																							
11	281	253	207																						
12	237	237	207																						
13	221	221	207	202	163																				
14	208	208	198	192	163	133																			
15	196	196	188	182	163	133																			
16	189	189	181	175	163	133	101																		
17	181	181	174	168	160	132	101																		
18	175	175	168	162	155	131	101	67																	
20	162	162	156	150	145	128	101	84																	
22	151	151	146	140	136	123	101	84	61																
24	140	140	137	132	127	117	100	83.5	66																
26	130	130	128	124	119	116	99.5	82.5	66.5	49.5															
28	119	119	120	117	113	111	96.5	80	66.5	51.4															
30	108	108	112	110	107	107	93.5	77.5	66	51.5	41.3														
32	94.5	94.5	105	103	101	102	91	74	64.5	51.6	41.5	40													
34			98	96.5	95.5	97	88.5	71	62.5	51.6	41.8	39.6	32.7												
36			91.5	90	89	92.5	85.5	68	60	51.6	42.2	38.8	32.7												
38			86	84.5	85	87.5	83	65	58	50.5	42.2	38.1	32.7												
40			80	79.5	81.5	82.5	79.5	62.5	55.9	49.3	42	37.4	32.6												
45			63	69	71.5	71.5	70	56.3	51.2	45.5	40.3	35.4	31.3												
50				62.5	63	62.5	61.5	51.9	47.2	42	37.7	33.6	29.9												
55				53.2	55.9	55.3	54.1	48.1	43.7	39	35.2	31.8	28.4												
60					49.8	49.1	48	44.4	40.3	36.3	32.8	30.2	27.1												
65					44.7	44.1	43	41.7	37.1	33.9	30.8	28.7	25.8												
70						36.7	38.7	39.2	34.2	31.7	28.9	27.3	24.6												
75							35.2	34.8	36.1	31.4	29.6	27.2	25.9	23.4											
80							30.3	32.8	32.7	29.1	27.6	25.6	24.4	22.2											
85							25.3	30.8	29.7	27.5	25.4	24.1	23	20.9											
90								28.3	27.2	25.7	23.9	22.7	21.7	19.7											
95								24.2	24.9	23.7	22.3	21.3	20.5	18.6											
100									22.7	22.6	21.2	20	19.3	17.6											
105									20.5	21.4	20.1	18.9	18.2	16.5											
110									18	19.8	18.7	17.6	17.2	15.7											
115										18.1	17.2	16.7	16.2	14.8											
120											15.8	16.4	15.9	15.3											
125												15.7	15.2	14.2											
130												14.6	14.1	13											
135												12.1	13.1	12											
140													12.1	11											
145													11	10.1											
150													8.8	9.4											
155														8.8											
160														7.6											
165															7.7										
170																7.2									
175																	4.7								

\* over rear / en arrière

TAB 138129 / 138132

#### Remarks referring to load charts

- When calculating crane stresses and loads, German Industrial Standards (DIN) are applicable, in conformity with German legislation (published 2/85): The lifting capacities (stability margin) DIN/ISO are as laid down in DIN 15019, part 2, and ISO 4305. The crane's structural steel works is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
- For the DIN/ISO load charts, depending on jib length, crane operation may be permissible at wind speeds up to 5 resp. 7 Beaufort.
- Lifting capacities are given in metric tons.
- The weight of the hook blocks and hooks must be deducted from the lifting capacities.
- Working radii are measured from the slewing centreline.
- The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
- Subject to modification of lifting capacities.
- Lifting capacities above 220/276 kips only with additional pulley block/special equipment.