



# Rezayat Sparrow

**ARABIAN CRANE HIRE CO. LTD.**

**P.O. BOX 90, ALKHOBAR 31952, SAUDI ARABIA**

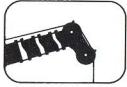
**CRANE HIRE AND LIFTING SPECIALISTS**



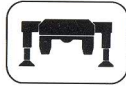
**LIEBHERR LTM 1225  
225 TON CAPACITY  
MOBILE TELESCOPIC CRANE**

**TEL. (03) 8 57 41 34  
(03) 8 57 41 90  
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TELEX 8 70 793**

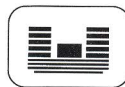
# Lifting capacities at telescopic boom.



15,1 m – 60 m



360°



80 t

75%

m	15,1 m			20,3 m	25,5 m	30,6 m	35,8 m	40,9 m	46,1 m	51,3 m	56,4 m	60 m	m				
	1)	2)															
2,5	225												2,5				
3	200	166	163										3				
3,5	187	151	150	134									3,5				
4	171		137	123	101	40							4				
4,5	154		127	114	101	40							4,5				
5	140		120	109	99	40		68					5				
6	117		109	99	90	40	75	63	59	37,5			6				
7	100		99	91	82	37	70	59	58	35			7				
8	87		87	82	75	34	65	55	56	32,5	45,5	28,5	8				
9	76		76	74	69	31	60	51	53	30,5	43,5	35,5	27,8	9			
10	68		68	67	64	28,9	55	48	49	28,2	41,5	34,5	26,8	27,7	18	10	
12	56		47,5	55	54	25,1	47	42	42,5	24,6	37,5	31,5	24,8	26,5	21,5	17,9	12
14				46	45	22,2	41	37	37	21,5	33,5	28,8	22,7	24,7	20,6	17,7	14
16				37,5	38,5	19,9	36	32,5	32,5	19	29,6	26,2	20,7	22,9	19,6	17,2	16
18					33	18,1	32	29,4	28,6	16,8	26,3	23,9	18,7	21,2	18,5	16,6	18
20					28,5	16,6	28,5	26,8	25,4	15,1	23,8	21,7	17	19,5	17,2	15,7	20
22						15,4	25,4	24,7	22,7	13,6	21,4	19,7	15,5	18	16	14,8	22
24							22,3	23	20,6	12,4	19,4	18	14,1	16,6	14,9	13,8	24
26								18	20	18,8	11,4	17,6	16,5	12,9	15,3	13,8	26
28										17,4	10,5	16,1	15,1	11,9	14,1	12,9	28
30									15,8	9,8	14,8	13,8	11	13,1	11,9	11,1	30
32										9,2	13,6	12,7	10,2	12,1	11,1	10,1	32
34											12,7	11,7	9,6	11,3	10,3	9,2	34
36											10,3	10,9	9	10,5	9,6	8,3	36
38												10,1	8,5	9,8	9	7,5	38
40												9,5	8,1	9,1	8,4	6,9	40
42														8,5	7,9	6,3	42
44														7,9	7,4	5,8	44
46														6,6	7	5,4	46
48															6,6	5	48
50															6,2	4,8	50
52																4,6	52
54																4,3	54
I	0			46	92	0	92	0	92	0	92	92	0	92	92	100	I
II	0			0	0	0	46	92	92	0	92	92	92	92	92	100	II
III	0			0	0	0	0	46	0	92	46	92	92	92	92	100	III
IV	0			0	0	92	0	0	0	92	0	0	92	46	92	100	IV

<sup>1)</sup> with special equipment, over rear, support base 10,3 m × 5,7 m

<sup>2)</sup> with additional pulley block, over rear, support base 10,3 m × 8,6 m

TAB 98034 / 98037

## Remarks referring to load charts.

- The tabulated lifting capacities do not exceed 75 % of the tipping load.
- When calculating crane stresses and loads, German Industrial Standards (DIN) are applicable, in conformity with new German legislation (published 2/85): the 75 % lifting capacities (stability margin) are as laid down in DIN 15019, part 2. The crane's structural steelwork 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.
- The 75 % overturning limit values take into account wind force  $w = 125 \text{ N/m}^2$ . Depending on jib length, crane operation may be permissible at wind speeds up to force 5 resp. 7.
- 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.
- Lifting capacities are subject to modifications.
- Lifting capacities above 147 t only with special equipment/additional pulley block.

