


Liebherr LTM 1070-4.2

Weights/Working speeds

Weights



	Axle	1	2	3	4	Total weight t
	(t)	12	12	12	12	48*

* with 10.7t counterweight and folding jib

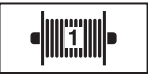


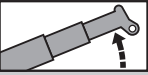
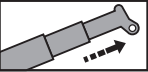
	Load t	Number of sheaves	Number of lines	Weight
	70	7	14	500 kg
	58.4	5	11	500 kg
	38.3	3	7	450 kg
	16.0	1	3	275 kg
	5.7	-	1	110 kg

Working speeds



		1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
385/95 R 25 (14.00 R 25)	km/h	2.18-5.80	7.5	9.6	12.4	15.7	20.2	26.5	34.1	44	56.4	71.7	75	2.35-6.20	8.1	38.9%
	km/h	0.53-1.40	1.8	2.3	3	-	-	-	-	-	-	-	-	0.57-1.50	2	60%
445/95 R 25 (16.00 R 25)	km/h	2.38-6.30	8.1	10.5	13.5	17.1	22	28.9	37.1	47.8	61.4	78	80	2.55-6.80	8.8	35.2%
525/80 R 25 (20.50 R 25)	km/h	0.58-1.50	2	2.5	3.3	-	-	-	-	-	-	-	-	0.62-1.60	2.1	60%




Drive	Infinitely variable	Rope diameter/length	Maximum single line pull
	0-125 m/min Single line	17 mm/200m	57 kN
	0-125 m/min Single line	17 mm/200m	57 kN
	0-1.5 min ⁻¹		
	Approx. 55 seconds to reach 83° boom angle		
	Approx. 310 seconds for boom extension from 11m-50m		

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Lifting capacities



 m	11m*	11m	14.6m	18.2m	21.8m	25.4m	28.9m	32.5m	36.1m	39.7m	43.3m	46.9m	50m
2.5	70.0												
3.0	61.4												
3.5	54.3	51.1	50.9	48.8									
4.0	48.7	46.4	46.3	46.5	38.9	31.9							
4.5	44.0	42.4	42.4	42.5	38.1	31.4	25.6						
5.0	44.0	38.9	38.9	39.1	37.4	31.0	25.3	20.6					
5.0	39.3	35.7	35.8	35.9	35.6	30.4	25.1	20.5	16.3				
6.0	32.2	30.5	30.9	31.0	31.0	28.9	24.5	20.1	16.1				
7.0	27.1	26.3	26.7	26.9	26.9	27.2	24.0	19.6	16.0	13.0	10.2		
8.0	23.0	22.6	23.1	23.3	23.6	23.6	22.7	18.3	15.8	12.8	10.1	8.0	
9.0			20.4	20.4	20.8	20.7	19.6	17.0	15.1	12.6	9.9	7.9	6.7
10.0			17.8	18.1	18.2	18.1	17.0	15.7	14.2	12.2	9.7	7.8	6.6
12.0			13.4	13.9	13.9	13.8	13.4	13.1	12.4	11.1	9.1	7.5	6.5
14.0				10.8	11.0	11.0	10.9	10.7	10.4	9.7	8.4	7.1	6.2
16.0				8.7	8.9	8.9	8.9	8.8	8.6	8.0	7.7	6.6	5.9
18.0					7.4	7.5	7.4	7.4	7.2	7.2	6.6	6.1	5.5
20.0						6.4	6.2	6.3	6.2	6.0	5.7	5.5	5.1
22.0						5.4	5.4	5.4	5.3	5.0	5.1	4.8	4.6
24.0							4.8	4.7	4.6	4.5	4.3	4.0	3.9
26.0							4.2	4.1	4.0	3.9	3.7	3.4	3.4
28.0								3.6	3.5	3.4	3.2	2.9	2.9
30.0								3.1	3.0	2.9	2.7	2.5	2.5
32.0									2.6	2.5	2.3	2.1	2.1
34.0										2.1	2.0	1.7	1.7
36.0										1.8	1.7	1.4	1.4
38.0											1.4	1.1	1.2
40.0											1.2	0.9	0.9



 m	11m	14.6m	18.2m	21.8m	25.4m	28.9m	32.5m	36.1m	39.7m	43.3m	46.9m	50m
3.0	51.1	50.9	48.8									
3.5	46.4	46.3	46.5	38.9	31.9							
4.0	42.4	42.4	42.5	38.1	31.4	25.6						
4.5	38.9	38.9	39.1	37.4	31.0	25.3	20.6					
5.0	35.7	35.8	35.9	35.6	30.4	25.1	20.5	16.3				
6.0	30.5	30.9	31.0	31.0	28.9	24.5	20.1	16.1				
7.0	26.3	26.7	26.9	26.9	27.2	24.0	19.6	16.0	13.0	10.2		
8.0	22.6	23.1	23.3	23.6	23.6	23.1	18.3	15.8	12.8	10.1	8.0	
9.0		20.4	20.4	20.8	20.7	20.5	17.0	15.1	12.6	9.9	7.9	6.7
10.0		18.0	18.3	18.4	18.3	18.0	15.8	14.2	12.2	9.7	7.8	6.6
12.0		14.1	14.5	14.6	14.5	14.3	13.8	12.6	11.1	9.1	7.5	6.5
14.0			11.5	11.5	11.6	11.3	11.4	10.9	10.0	8.4	7.1	6.2
16.0			9.2	9.5	9.5	9.6	9.3	9.3	8.8	7.7	6.6	5.9
18.0				8.0	8.0	8.0	7.8	7.7	7.4	7.1	6.1	5.5
20.0					6.9	6.8	6.7	6.5	6.6	6.3	5.6	5.1
22.0					5.9	5.8	5.8	5.7	5.5	5.2	5.2	4.7
24.0						5.0	5.1	4.9	4.8	4.8	4.5	4.4
26.0						4.5	4.4	4.3	4.2	4.2	3.9	3.9
28.0							3.9	3.9	3.8	3.6	3.4	3.3
30.0							3.5	3.4	3.3	3.1	2.9	2.9
32.0								3.0	2.9	2.7	2.5	2.5
34.0									2.5	2.3	2.1	2.1
36.0									2.2	2.0	1.8	1.8
38.0										1.7	1.5	1.5
40.0										1.5	1.2	1.2
42.0											1.0	1.0
44.0											0.8	0.8

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