

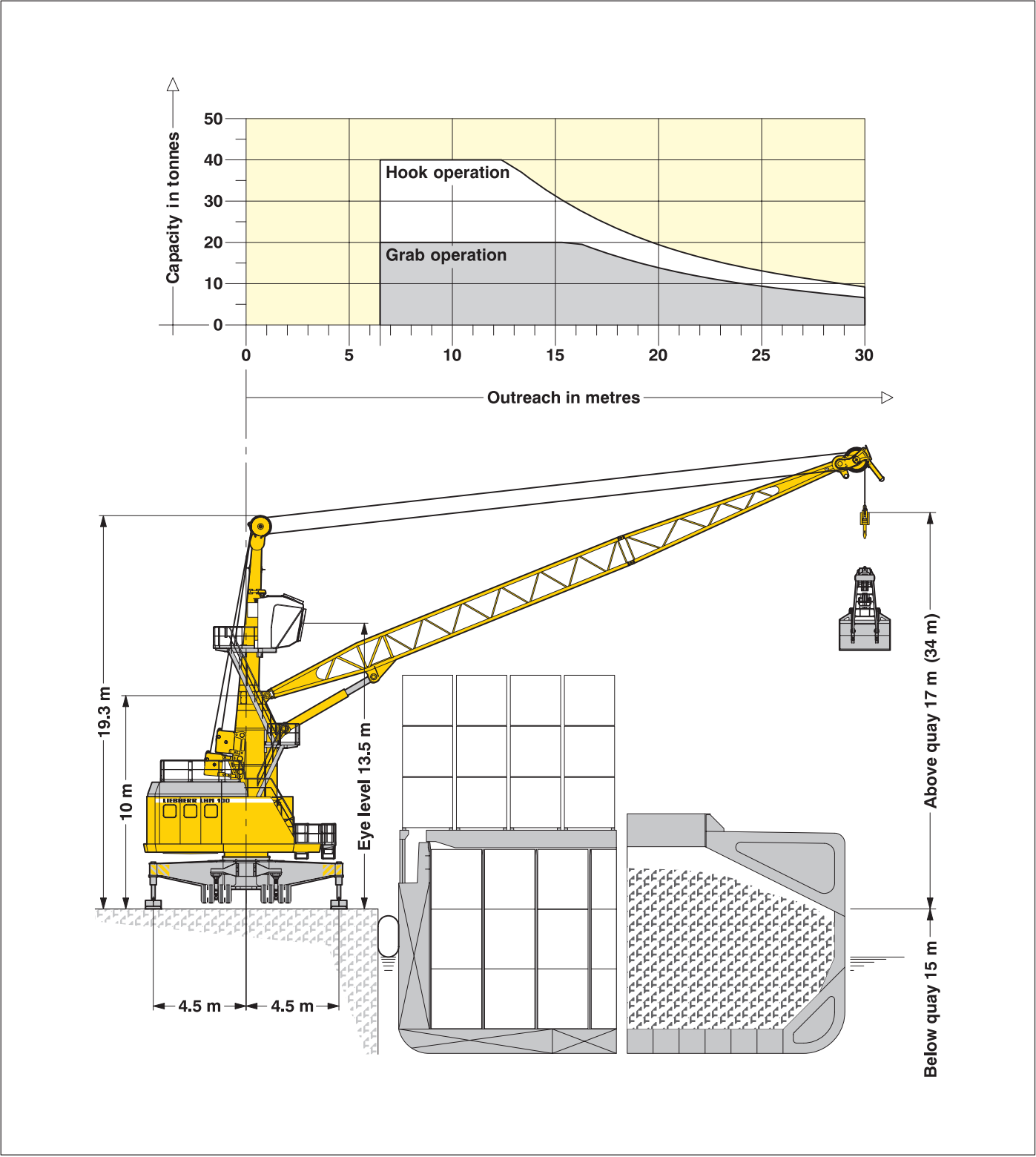


Harbour mobile crane

LHM 100

Litronic®

The synergy of wide experience, research and development for your success and benefit.



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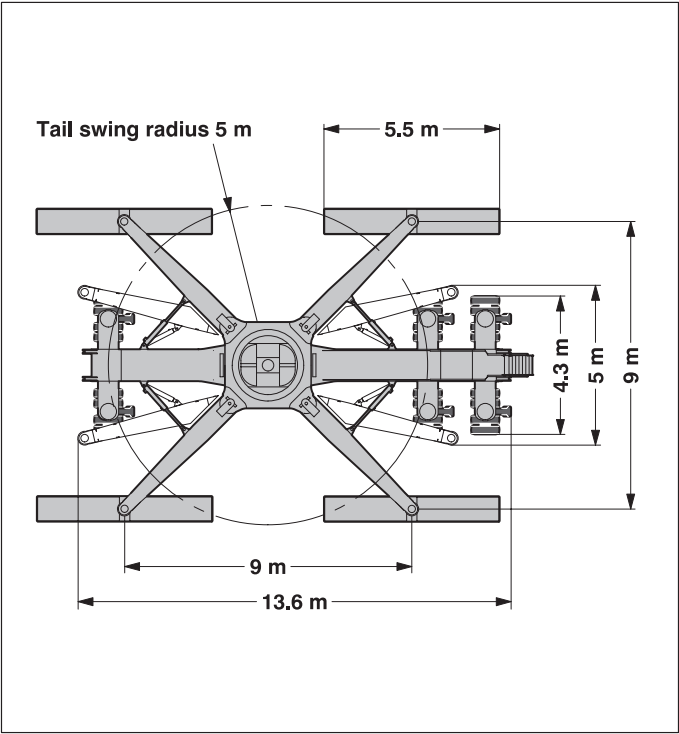


Liebherr harbour mobile crane

Type LHM 100 Litronic®

- utmost performance
- high reliability and quality
- low operational costs
- unsurpassed mobility and versatility
- worldwide service network

Radius	Hook operation	Grab operation
(m)	(t)	(t)
6.5	40.0	20.0
8	40.0	20.0
10	40.0	20.0
12	40.0	20.0
15	30.3	20.0
16	27.5	19.5
17	25.0	17.8
18	22.7	16.2
19	20.8	14.8
20	19.1	13.6
21	17.7	12.6
22	16.3	11.6
23	15.1	10.7
24	14.1	10.0
25	13.1	9.3
26	12.2	8.6
27	11.4	8.1
28	10.6	7.5
29	9.9	7.0
30	9.2	6.6



Capacities
Standard operation ————— 40 t

Main dimensions
Min to max. outreach ————— 6.5 – 30 m
Height of boom fulcrum ————— 10.0 m
Tower cabin height (eye level) ————— 13.5 m

Hoisting heights
Above quay at minimum radius ————— 34 m
Above quay at maximum radius ————— 17 m
Below quay ————— 15 m

Working speeds
Hoisting / lowering ————— 0 – 70 m/min
Slewing ————— 0 – 1.5 rpm
Luffing ————— 0 – 45 m/min
Travelling ————— 0 – 90 m/min

Quay load arrangements
Uniformly Distributed Load ————— 1.1 t/m ²
Max. load per tyre ————— 5.3 t
Due to its unique travelling and supporting system, the parameters of the undercarriage (pad sizes, supporting base and number of axle sets) can easily be adapted to comply with the most stringent quay load restrictions.

Weights
Weight of the crane ————— 101 t
Counterweight ————— 15 t
Total weight of the crane ————— approx. 116 t

Propping arrangements
Standard supporting base ————— 9 m x 9 m
Standard pad dimension ————— 4x 5.5 m x 0.8 m

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