
LS 250

Job report

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LIEBHERR

Maritime cranes



Heavy lift ship crane



The LS 250 is a 250t crane which combines all market requirements. Thanks to an intelligent control system the crane always achieves the maximum speed depending on the respective load. Adjustment occurs automatically – no manual switching is required. Proven technology in optimum exterior form – that is the formula for success for a new development from Liebherr. All components used have already proven their market maturity and come exclusively from in-house production or first-class suppliers. This tailor-made ship crane design for high performance multipurpose vessels proves its strengths: slim design, precise control and quality “Made in Germany”.

Speeds

	60 Hz - 2x 180 kW	50 Hz - 2x 140 kW
Main hoist		
250t	4.8 m/min	4.2 m/min
100t	9.7 m/min	9.7 m/min
Aux. hoist		
45t	23 m/min	20 m/min
<25t	32 m/min	32 m/min
Slewing		
<100t	0.69 rpm	0.60 rpm
>100t	0.30 rpm	0.30 rpm
Luffing		
from 33m to 4.0m with 100t	approx. 187s	approx. 187s
from 5.5m to 36.5m with 45t	approx. 90s	approx. 100s

Design conditions

Maximum admissible heel/trim	5°/2°
Working temperature	-25°C up to +45°C
Design temperature	-10°C
Max. humidity	93%

Capacity

Max. SWL	250t
Aux. hoist	45t

Field of operation

Main hoist	from 3.8m to 33.0m
Aux. hoist	from 5.1m to 36.5m

Weight

Complete crane weight	approx. 153t
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