

Press release

New generation of Liebherr luffing jib cranes at Bauma 2025

- New models 440 HC-L 12/24 and 18/36, and 620 HC-L 18/36 mark a major update to the HC-L series
- Significantly increased performance values together with reduced out of service position
- Optimised assembly and fewer transport units reduce costs

The latest generation of Liebherr luffing jib cranes is coming to Bauma in Munich. Visitors will get the chance to see the compact design of the 620 HC-L for themselves. Together with its little brother, the crane scores with a minimal out of service position, optimised performance values and efficient assembly.

Munich (Germany), 18 February 2025 – The updated models in the HC-L series are an impressive example of how modern luffing jib cranes can efficiently support the ever increasing challenges faced in building construction. The cranes' excellent performance values and minimal out of service position make them ideal for inner-city construction sites and projects with limited space. Several cranes can be operated in a space-critical environment.

The 440 HC-L is available in two lifting capacity versions: the 440 HC-L 12/24 and the 440 HC-L 18/36. Its bigger brother, the 620 HC-L, is equipped to tackle largescale construction projects with its 18/36 tonne lifting capacity. Both models offer exceptionally fast load handling in 1-fall operation, which has a positive impact on construction time for building heights of 100 metres and often higher. Quick reeving for 2-fall operation also facilitates the lifting of heavy components.

Improved performance values

Both the 440 HC-L and 620 HC-L bring improved performance values to the table and set new standards in their class. Thanks to Load-Plus, lifting capacity can be significantly increased for specific load charts. The 440 HC-L offers an increase in jib head lifting capacity of up to 1.65 tonnes (52 percent), while the 620 HC-L achieves an increase of up to 3.25 tonnes (76 percent).

The crane series is the first to make use of aramid guying for luffing jib cranes. The lightweight material reduces weight on the jib, which noticeably increases lifting capacity. Significant weight is saved compared to steel rope.

Simplified assembly

Pre-assembled assemblies reduce the time needed for setting up on site. The hoist and adjusting ropes come already mounted on the drum and the counter-ballast consists of one ballast block. A central

switchgear cabinet, mechanical quick connections and a small number of transport units also help to speed up assembly and consequently optimise costs.

About the Liebherr Tower Cranes Division

More than seven decades of experience have made Liebherr a recognised specialist for lifting technology on all types of construction sites. The range of Liebherr Tower Cranes encompasses an extensive selection of high-quality tower cranes that are used worldwide. This includes fast-erecting, top-slewing, luffing jib and special-purpose cranes as well as mobile construction cranes. In addition to these products, Liebherr also offers a wide range of services that complete the company's portfolio: Tower Crane Solutions, the Tower Crane Center and Tower Crane Customer Service.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Images



liebherr-440-hc-l.jpg

The 440 HC-L can lift loads of up to 36 tonnes and has a maximum hook height of 73.5 metres.



liebherr-620-hc-l.jpg

The 620 HC-L can be erected free-standing at a height of up to 74.3 metres. Its out of service position can be reduced to twelve metres.

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Published by

Liebherr-Werk Biberach GmbH

Biberach / Germany

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