

Press release

## Engineered for excellence: the new 620 HC-L from Liebherr

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- An out of service position of 12 metres
- Aramid fibre guying in use with a luffing jib
- Improved performance values and optimised assembly times

Liebherr's latest generation of luffing jib cranes is expanding: the 620 HC-L brings together increased lifting capacity, state-of-the-art technology and a compact design that is ideal for cramped inner city areas and large-scale construction projects. As the big brother of the 440 HC-L, it offers key advantages for faster construction site cycles and increased efficiency.

Biberach (Germany), 11 February 2025 – Liebherr's range of luffing jib cranes now extends to the 600-metre tonne segment: the new 620 HC-L 18/36 has been designed in response to construction sites with more challenging requirements. With a maximum lifting capacity of 18 tonnes in one-fall operation, and up to 36 tonnes in two-fall operation, as well as a jib length of 65 metres, the 620 HC-L sets new standards in its class. Thanks to its new Load-Plus function, lifting capacity can be increased by up to 76 per cent for specific load charts, which significantly expands the crane's range of uses.

### Freestanding tower height and maximum erection height

Thanks to its compatibility with the 24 HC 630 tower system, the new 620 HC-L can achieve a freestanding height of up to 74.3 metres. Using existing tower sections saves on purchase costs and increases flexibility in terms of site planning. The 440 HC-L also uses the same tower system, meaning that both HC-L cranes can be assembled using the same tower sections. This optimised tower design also makes it possible to avoid complex building tie-ins, which in turn speeds up the construction process.

### Space-saving and versatile

With an out of service position of just 12 metres and a minimal operating position of just 4.1 metres, the 620 HC-L requires very little space. This makes it ideal for inner-city construction sites and projects where only limited space is available. Its compact design makes site planning a great deal easier and allows several cranes to be operated efficiently in tight conditions.

## **Efficient assembly**

The 620 HC-L offers the advantage of significantly faster assembly. Ready to use assemblies, e.g. hoist and luffing ropes are provided already wound on the drum, reduce setting up time on site.

Transport costs are also optimised with only ten transport units being needed at full radius, including counter-ballast. The crane's plug & play system with central switchgear cabinet and electrical and mechanical quick connections ensures simple and time-efficient set-up.

## **Improved performance values**

The 620 HC-L sets new standards with a jib length of 65 metres and a maximum lifting capacity of up to 36 tonnes in two-fall operation. A stand-out feature is the crane's new Load-Plus function, which can increase lifting capacity for specific load charts by up to 76 per cent. As well as being powerful, the crane is also a prime example of modern engineering that combines safety, efficiency and economy.

The luffing jib is equipped with proven Liebherr drives and the latest EMS-4 control unit. The 12-inch display of the TC-OS platform features a clear menu structure and a configuration wizard that makes setting up the crane easier and safer. A radio control with a 3.5-inch display also provides maximum flexibility for the crane operator: functions such as Load-Plus, Micromove and electric weathervaning are directly integrated and ensure convenient and safe operation from an optimal position.

## **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 programme. 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, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

## Images



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The 620 HC-L is capable of lifting up to 36 tonnes.



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The new and improved crane offers an out of service position of 12 metres.

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