

Press release

New bottom-slewing crane series: Liebherr upgrades K cranes

- Crane series with four fast-erecting cranes
- Intelligent assistance systems available for new K cranes
- Established models given a facelift with improved performance, new control system and new operating system

Liebherr has upgraded its established K series of fast-erecting cranes, making the machines future-ready. Intelligent assistance systems for bottom-slewing cranes are no longer a distant promise; they are now available for all current K series cranes.

Biberach (Germany), 22 January 2025 – K series cranes have been in action on construction sites around the world for years. They are continually improved further and adapted to the changing requirements of construction sites. The latest cranes in the series, the 43 K, 61 K and 91 K, are available now as well as the new version of the 125 K.

As part of the facelift given to the successful K cranes, the machines can now be ordered with [Liebherr's five intelligent assistance systems](#). Smart functions such as sway-free load lifting without diagonal pull increase safety for people and sensitive components, while semi-automated lifts maximise ease of use.

Already established features, such as variable hook heights and manoeuvrability in tight spaces, continue to be part of the new series along with the familiar functions Speed2Lift, Load-Plus and Micromove for maximum lifting speeds, increased jib head lifting capacity and precise positioning of loads. The crane names now reflect the lifting capacities according to Load-Plus.

New control and operating systems

All new K cranes are equipped with the new Liebherr Control 5 crane control system. This consists of the control system, the Liebherr Display 5 and I/O modules. The robust and durable control system is already installed in the current L series of fast-erecting cranes and is used in a variety of construction machines within the Liebherr Group.

The facelift also sees the K cranes equipped with the new Tower Crane Operating System 2 (TC OS 2). It features standardised and intuitive menu navigation, with self-explanatory symbols and icons. A standardised radio control for all cranes in the current K and L series is another new addition.

From the 43 K to the 125 K: The cranes in the current series

The largest of the small ones: The 43 K, the smallest crane in the series, has eleven hook heights to adapt flexibly to construction site requirements. It achieves a maximum hook height of 30.2 metres and a radius of up to 35 metres. The 43 K follows on from the 34 K.

Efficient and economical – for maximum performance: The 61 K is successor to the 53 K. It reaches a hook height of up to 33.4 metres and a maximum radius of 43 metres. Another new feature is a luffed position of up to 30°, which offers greater flexibility on site.

A crane for every situation – the solution for every job: The 91 K brings with it all the proven operational possibilities of the K series and can be used for the construction of multi-occupancy buildings as well as industrial projects. It follows on from the successful 81 K.1 and makes the well-established bottom-slewing crane fit for future challenges.

The most powerful in its class – where size meets performance: The 125 K, which is the largest crane in the series, combines the performance of a top-slewing crane with the mobility and flexibility of a fast-erecting crane. The machine's performance data has remained the same: it achieves a maximum hook height of 41.5 metres, a radius of up to 55 metres and can lift 8,000 kilograms.

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

Images



liebherr-43-k.jpg

Compared to its predecessor, the 43 K delivers another two metres of radius and four metres of hook height. Its maximum jib head lifting capacity has been increased by 200 kilograms.



liebherr-61-k.jpg

The 61 K also exceeds the performance values of its predecessor: three metres of additional radius, a 2.4 metre higher maximum hook height and up to 200 kilograms more jib head lifting capacity.



liebherr-91-k.jpg

The third new crane in the series, the 91 K, also features increased lifting capacity.



liebherr-125-k.jpg

The 125 K combines the performance of a top-slewing crane with the advantages and mobility of a fast-erecting crane.

Contact

Astrid Kuzia

Communication Specialist

Phone: +49 7351 / 41 – 4044

Email: astrid.kuzia@liebherr.com

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www.liebherr.com