

Press release

Liebherr's 125 K: The largest crane in a successful family

- Fast-erecting crane offers maximum lifting capacity with minimum space requirements
- Maximum hook height of 136 ft (42 m) or up to 217 ft (66 m) in 30° luffed jib position
- Delivered to site as a set-up ready unit and quickly assembled for efficient use

With a radius of 180 ft (55 m) and a hook height of up to approx. 217 ft (66 m), the Liebherr 125 K is currently the largest fast-erecting crane on the market. Visitors at Conexpo 2023 in Las Vegas can now see the innovative K series concept for themselves. A well thought-out assembly system and low logistics costs make the Liebherr fast-erecting cranes particularly useful for shorter projects. The 125 K is, for example, ideal for work on construction projects such as multi-story residential buildings, bridges and industrial facilities.

Las Vegas (USA), March 14, 2023 – The 125 K offers an initial hook height of approx. 98 ft (29.5 m) as standard. Five tower sections can be inserted to reach a total hook height of approx. 136 ft (42 m). This allows the crane to handle larger construction projects as well. If the hook height still isn't sufficient, a 30° luffed jib position enables the crane to reach a hook height of 217 ft (66 m).

The crane has a maximum load capacity of 17,630 lbs (8,000 kg) and can lift up to 2,866 lbs (1,300 kg) with the jib head at a radius of 180 ft (55 m). Its exceptional flexibility is also demonstrated by its five radius options, ranging from 115 ft (35 m) to 180 ft (55 m). The fast-erecting crane can be transported to site by trailer or semi-trailer with the appropriate axles. It travels as a complete unit so that it can be erected directly on site. No other tools are needed as assembly is achieved by means of low-maintenance rope kinematics.

Flexible deployment even in tight spaces

Construction site conditions are becoming increasingly tight and therefore require tower cranes to have compact dimensions to match. With its 11 ft (3.2 m) slewing radius, the Liebherr 125 K fast-erecting crane fits into very small spaces, something unique for a crane of this size. Due to its variable slewing radius, which can be extended to 13 ft (4 m), the number of transportable ballasts can be reduced. This in turn reduces costs and allows the crane to be used in basements and similar spaces.

In addition to familiar features such as the Micromove fine positioning mode, Load-Plus (short-term load increase of 20 %) and Liebherr's Speed2Lift pure two-line operation, further improvements have also been thought out in detail. This includes new lighting with LED floodlights to ensure even better illumination of job sites.

External cab for optimal view

The 125 K operates via Liebherr radio remote control. Two displays provide feedback on the current operating data. The remote control enables the crane operator to be close to the action and, at the same time, have everything important in view.

The 125 K has the option of being fitted with an external crane operator's cab. The ergonomic cab offers optimal visibility of the loads to be moved, easy entry and exit and plenty of room for every operator. Similar to the crane's unfolding, the assembly of the cab also works without any additional tools. The crane assembles the cab itself by moving it to a defined position on the tower, without any rotation.

Custom paintwork possible

North American-based Extreme Construction Inc. is a Liebherr customer who has opted for the 125 K, in this case with an external cab and special paint finish. For its first job, the crane assisted in the construction of an eight-story residential building in the New York metropolitan area. Its multiple tasks included lifting concrete components and placing steel structures.

In contrast to other lifting solutions, such as loading or telescopic cranes, there was also no need to plan in extra tracks and positioning sites. Given the limited space on the construction site, this was a decisive argument in favor of the fast-erecting crane. The 125 K also impressed the customers with its reach, usability, Litronic assistance systems and flexibility.

About Liebherr USA, Co.

Liebherr USA, Co. based in Newport News, VA provides sales and service on behalf of ten different Liebherr product segments: earthmoving, material handling, mining, mobile and crawler cranes, tower cranes, concrete technology, deep foundation machines, maritime cranes; components, and refrigeration and freezing.

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

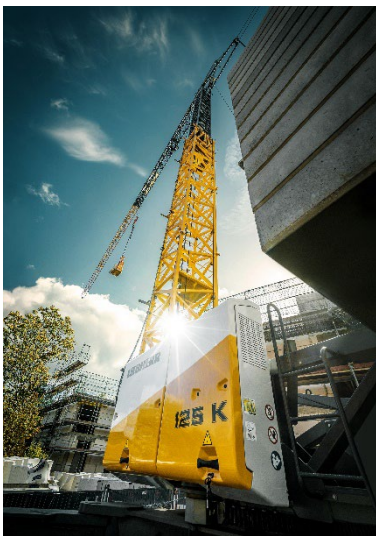
The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the world's largest manufacturers of construction machinery. It also offers high-quality, user-oriented products and services in multiple other areas. Today, the group consists of more than 140 companies across all continents. In 2021, it employed more than 49,000 people and achieved combined revenues of over 11.6 billion euros. Liebherr was founded in 1949, in Kirchdorf an der Iller in southern Germany. Ever since then, the company's employees have been committed to satisfying customers with advanced solutions and to helping drive technological progress.

Images



liebherr-125K-01.jpg

The 125 K from Liebherr (left crane) offers various hook heights so it can be flexibly adapted to conditions on site.



liebherr-125K-02.jpg

Thanks to its compact slewing radius, the 125 K from Liebherr fits into even the smallest construction gaps.



liebherr-125K-03.jpg

The Liebherr 125 K worked on a residential project in the New York metropolitan area for Extreme Construction Inc.
Image: Extreme Construction Inc.

Contact

Daniel Haefele
Global Communication
Liebherr-Werk Biberach GmbH
Phone: +49 7351 / 41 - 2330
E-mail: daniel.haefele@liebherr.com

Ana Cabiedes
Head of Marketing
Liebherr USA, Co.
Phone: +1 757 240 4250
E-mail: ana.cabiedes@liebherr.com

Published by

Liebherr-Werk Biberach GmbH
Biberach / Germany
www.liebherr.com