

Press release

Building on the success of Liebherr Fibre cranes

- Rope shortening increases availability and minimises downtimes
- Overall service life is increased by several years
- Fleet operators in particular benefit from optimised business model

Since Liebherr launched its fibre rope, Fibre cranes have delivered significantly easier hoist rope handling together with greater lifting capacity and unbeatable safety features. Bauma 2025 will see the fibre rope cranes get an extensive update, significantly increasing their availability and service life.

Munich (Germany), 18 February 2025 – Since the first series fibre rope crane left production in 2019, the number of cranes in operation has steadily risen to almost 300. And it isn't just the core markets in Central Europe that are recognising the benefits of this technology. Fibre rope cranes are also in action overseas outside Europe, where they are proving popular thanks to their special advantages. Liebherr will be unveiling a major update at Bauma 2025, which will primarily increase service life and further minimise downtimes.

Rope shortening now also possible with fibre rope

Liebherr's successful Fibre Repair Set already reduces downtimes significantly compared to machines equipped with standard steel rope. Thanks to the new rope shortening option for fibre rope cranes, similar to that already available as standard for steel rope versions, downtimes are now minimised even further. If a fibre rope is irreparably damaged at any point, it can now be shortened and re-bonded on site. As a result, fibre rope is much more flexible to handle than its steel counterpart when it comes to rope damage.

Extended service promise

A wealth of experience gained in recent years means that the service promise regarding the service life of fibre rope has been extended. Apart from crane operation itself, this has advantages in terms of simple warehousing times and storage logistics. An option is also available for converting fibre rope cranes into steel rope cranes. With this, Liebherr offers maximum flexibility to convert from a fibre rope crane to a steel rope crane.

Another new feature is a business model optimised for fleet operators that covers the Fibre Care warranty and related spare parts service. In light of the extensive innovations listed above, Liebherr-Werk Biberach GmbH is planning a fibre rope promotion at Bauma. Details will be available directly at the trade show.

Proven fibre rope components remain unchanged

The advantages associated with fibre rope, e.g. an increase in lifting capacity of up to 20 percent compared to steel rope, remain unaltered. With fibre rope, the 1188 EC-H 40 Fibre high-top crane can achieve a lifting capacity increase of up to 2.1 tonnes at its jib head compared to the 1000 EC-H steel rope version. Fibre rope is now also being used with luffing jib cranes, the first machine to be equipped with this technology is the 258 HC-L 10/18 Fibre.

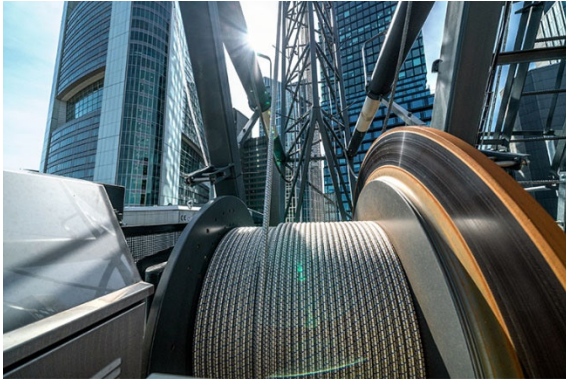
About the Liebherr Tower Cranes Division

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.

Image



liebherr-fibre-rope.jpg

Liebherr gives fibre rope the edge for tomorrow's construction sites.

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Published by

Liebherr-Werk Biberach GmbH

Biberach / Germany

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