

Press release

## **ESTA Award for Liebherr-Werk Nenzing**

---

**The ESTA Awards are the highest distinction for the crane and heavy-lift industry. This year, Liebherr-Werk Nenzing GmbH won the award in the category "Safety". The safety concept for lifting work with crawler cranes on floating units convinced the jury.**

Nenzing (Austria), 30 April 2024 – "The award is recognition of our efforts to design safe cranes and construction machines - especially as it is the second award in this category since 2022. As a leading manufacturer of cranes, the safety of jobsite personnel is of the utmost importance to us. Our digital solutions and assistance systems are a direct result of this commitment," says Gerhard Frainer, Managing Director for Sales at Liebherr-Werk Nenzing GmbH, during the awards ceremony.

### **Floating unit operation**

Usually, only load charts on paper are available for operation on a floating unit – without a load moment limitation integrated into the control system. The risk of overloading or losing the stability of the crane is correspondingly high. To minimise these risks, the mode "floating unit operation" is applied in the crane. The operating mode contains load curves for different heeling angles (0°, 1°, 2°, 3°) with corresponding protection via the load moment limitation. The barge inclination is monitored during the entire operation and displayed to the crane driver. If the permissible limit value is exceeded, a corresponding warning is issued. Additionally, it prevents the maximum boom angle from being exceeded when the load is set down.

Liebherr's proven assistance system "Vertical Line Finder" is part of the safety concept. This enables the crane driver to automatically avoid all inclined lifts at the touch of a button – especially those caused by changes in the barge inclination as a result of the shift in the centre of gravity when lifting and setting down the load.

Animation "Floating Unit Operation":

<https://youtu.be/HJRhSTzqjRw?si=diQOOsxrLibp4owE>

### **About the Liebherr Group – 75 years of moving forward**

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. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

## Images



liebherr-esta awards.jpg

Managing Director Gerhard Frainer with the award for the category "Safety"



liebherr-floating unit operation-1.jpg

The "Vertical Line Finder" helps to avoid inclined lifts when lifting or settling down the load.

## Contact

Gregor Griesser  
Strategic Marketing and Communications  
Email: [gregor.griesser@liebherr.com](mailto:gregor.griesser@liebherr.com)

Wolfgang Pfister  
Head of Strategic Marketing and Communications  
Tel.: +43 50809 41444  
Email: [wolfgang.pfister@liebherr.com](mailto:wolfgang.pfister@liebherr.com)

## Published by

Liebherr-Werk Nenzing GmbH  
Nenzing/Austria  
[www.liebherr.com](http://www.liebherr.com)