

Press Release

## **ESTA Awards: LR 1400 SX wins**

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**The ESTA Awards are the highest distinction for the crane and heavy-lift industry. This year's award for the category "Safety" was won by the LR 1400 SX. A crawler crane from Liebherr-Werk Nenzing GmbH has thus secured an award two years in succession.**

Nenzing (Austria), 28 March, 2022 - "Safety was always an important part of our product development. In recent years, we have focused even more strongly on this with digital solutions and assistance systems. It is important for us that those who operate our cranes feel safe on the jobsite. We want to continue to successfully follow this path," says Gerhard Frainer, Managing Director for Sales at Liebherr-Werk Nenzing GmbH, during the awards ceremony.

The LR 1400 SX extends the range of crawler cranes from Liebherr-Werk Nenzing GmbH to include lifting capacities up to 400 t. The crane designers paid particular attention to the safety concept.

### **Highest level of safety**

The assistance system Gradient Travel Aid helps to negotiate slopes and inclines. It displays the crane's centre of gravity and warns the operator before the crane leaves the safe area.

The Ground Pressure Visualization of the LR 1400 SX calculates the current ground pressure of the crane in real time and compares it with the specified safety limits of the relevant position. The ground pressure is displayed in the operator's cabin. This means the operator is permanently aware of whether the machine is situated in, or is approaching, a critical area.

When erecting or lowering the boom, the Boom Up-and-Down Assistant indicates the approach to the tipping border and automatically stops operation before the operator unintentionally enters an unsafe zone.

"The winning LR 1400 SX is only one example of maximum safety. All our cranes in the LR series are equipped with the same safety systems and fulfil the same criteria. The award is an expression of appreciation for our commitment to safe crawler cranes and construction machinery," says Gerhard Frainer.

The animation shows the LR 1400 SX from transportation to the jobsite up to lifting operation:  
[Liebherr - Crawler Crane LR 1400 SX - YouTube](#)

The animation shows the operating principles of the Gradient Travel Aid:

[Liebherr - Gradient Travel Aid - YouTube](#)

## Images



liebherr-lr1400sx\_1.jpg

The new weightlifter in the 400-tonne range.

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