

Press release

Easy construction site planning with Liebherr tower cranes

- Crane Configurator available from Bauma 2025 onwards
- Optimal support for selecting the right crane
- 3D crane models with crane-specific information simplify digital construction site setup

Liebherr will be taking a further step towards fully digital construction site planning at Bauma 2025. The Crane Configurator simplifies complicated configuration logic and supports with intelligent filters for selecting suitable crane models and sophisticated geometry.

Munich (Germany), 18 February 2025 – The planning of tower crane jobs is set to be made easier through the availability of specific and detailed crane data and geometric crane models. Liebherr is offering its customers the Crane Configurator for easy site planning so that the planning phase is made as convenient as possible.

Integration into current planning environments

Via a web application, users can select the most suitable crane from the provided product portfolio and integrate this into planning environments in IFC (Industry Foundation Classes) format. This globally recognised standard makes it possible to digitally describe the structure, properties and optical geometry of building models. The format is supported by diverse software for exchanging data between construction software systems.

Intuitive planning and selection of the right crane model

The Crane Configurator features an intuitive search function for the most suitable crane model, which is supported by individually configurable filters for specific construction site and crane requirements.

The crane model geometry is optimised for BIM (Building Information Modelling) based planning. This networked planning means that all relevant building data is digitally modelled and captured. Additional geometric information and planning-relevant details relating to the crane model and its components ensure that Liebherr cranes fit perfectly into the digital planning environment.

Crane models can be saved as favourites, tagged and shared with other users. At Bauma 2025, customers will have the chance to experience the Crane Configurator with the Liebherr tower cranes on display at the trade show. Current cranes will be added to the selection available throughout the year. Planning-relevant crane models that are no longer part of the current product portfolio have also been included.

