

Four premieres from the Liebherr Mobile Cranes Division for the Bauma – focussing on high performance and economy

- LTM 1230-5.1 mobile crane – already on sale all over the world
- LR 1800-1.0 crawler crane – available for delivery immediately after the Bauma
- New 8-axle crane: Designed for maximum performance
- New 5-axle crane: Great economy and flexibility in use

Munich (Germany), 28 January 2019 – Liebherr will unveil four new products from its Mobile Cranes Product Division at the Bauma event. These new cranes feature high performance, economy and flexibility thanks to the consistent advanced development of successful technologies.

Two of the new cranes have already been presented at the 2018 customer days at the manufacturing plant in Ehingen – the 5-axle 230 tonne LTM 1230-5.1 mobile crane and the LR 1800-1.0 crawler crane with a maximum lifting capacity of 800 tonnes.

The Mobile Cranes Division will unveil two brand new products at the Bauma 2019 event – an 8-axle mobile crane designed for maximum performance and a 5-axle crane whose designers gave economical and flexible crane jobs around the world the highest priority.

LTM 1230-5.1 mobile crane – 75-metre telescopic boom

Long, powerful and versatile – that was Liebherr's description of its new LTM 1230-5.1 mobile crane at its customer days 2018 at the manufacturing plant in Ehingen. The highlights include the length and lifting capacity of the telescopic boom. Its predecessor, the LTM 1200-5.1, also had one of the longest telescopic booms in this crane class at 72 metres. The new 230-tonne crane not only delivers an extra 3 metres in length but also an average of 20 percent greater lifting capacity. In addition to a multi-functional folding jib, a 43 metre fixed jib is also available. Crane operators can use the LTM 1230-5.1 particularly safely and efficiently with Liebherr innovations VarioBase®, VarioBallast, ECOmode and ECOdrive.

The engineers at Liebherr-Werk Ehingen GmbH placed the multi-award-winning VarioBase® support technology at the focus of the structural steel construction when creating the concept for the new crane. This meant that the new LTM crane is the first to have an asymmetrical support base – with the width being 7.4 metres at the front and 8.1 metres at the rear. VarioBase® means that it is now possible to generate particularly high lifting capacities, particularly at the rear working area over the 8.1 metre wide supports – calculated in real-time by the LICCON controller. This new digitalisation facility has a major influence on the structural steel technology and enhances the customer benefit in the form of lifting capacity increases. Liebherr calls the combination of the trapezoidal and the variable support base, “VarioBase Plus”.

LR 1800-1.0 crawler crane – designed for maximum performance

Outstanding lifting capacities and low cost transport around the world are the main features of Liebherr’s new 800 tonne crawler crane. The LR 1800-1.0 has been designed as a particularly powerful industrial crane for jobs with a luffing jib and derrick system, for example for power plant construction and the petrochemicals industry. For the first time the boom system features lattice sections with three system dimensions which can be telescoped into each other for transport.

The new LR 1800-1.0 is currently the most powerful crawler crane on the market even though the basic machine is just 3 metres wide. It is particularly rigid as a result of its increased design height. A quick connection to raise the superstructure for transport is standard.

The new LR 1800-1.0 also features the derrick ballast with VarioTray – after raising the lattice boom with the large derrick ballast, part of the ballast can be unbolted quickly and easily. Only a small proportion of the ballast is generally required for hoisting work with the boom fully or almost fully raised. This avoids the tiresome stacking and unstacking of ballast slabs. A new type of ballasting system is used for the suspended ballast – a hydraulically adjustable folding frame allows the ballast radius to be adjusted to up to 23 metres. This means that a fixed guiding frame system is no longer required for large radii.

Captions

liebherr-ltm1230-5-1-mobile-crane.jpg

The Liebherr LTM 1230-5.1 mobile crane has a 75-metre telescopic boom

liebherr-lr1800-1-0-crawler-crane.jpg

The new Liebherr LR 1800-1.0 crawler crane is designed to deliver maximum performance for industrial applications.

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