

Liebherr extends product portfolio with rough-terrain cranes

Hyvinkää (Finland), 5 September 2019 – Liebherr has extended its mobile crane product range with an additional series of rough-terrain cranes in the 90-tonne (100 USt) and 100-tonne (110 USt) classes. They feature high performance, safety and comfort.

High safety levels in every respect were the main priority for the design of the new Liebherr LRT cranes. Both new crane models feature an outrigger monitoring system as standard. The support status, on tyres or outriggers, is detected automatically and saved to the crane controller. The attachment of the ballast to the turntable and the installation of the optional double folding jib including its angle adjustment are also recorded and monitored.

The VarioBase® variable support base developed by Liebherr as standard on the new LRT cranes makes an important contribution to enhancing safety. VarioBase® also provides greater performance and flexibility on site.

Safety is also enhanced by providing greater comfort for the crane operator. For example, the crane cabin is 220 mm (8.5") wider than other standard cabins on the market. It can be tilted backwards to provide greater comfort when hoisting loads to great heights. Clear, self-explanatory controls make the crane easy to handle.

The 100-tonne (110 USt) LRT 1100-2.1 has a 50 m (164 ft) telescopic boom with a "Telematik" telescoping system on which the various telescoping sections can be extended independently with a single cylinder and then pinned to the telescopic section above. 14 tonnes (30,800 lbs) of counterweights ensure high stability. The lifting capacity of the LRT 1100-2.1 is around 15% higher than that of the 90-tonne (100 USt) model which features 12 tonnes (26,500 lbs) of counterweights. The LRT 1090-2.1 features a 47 m (154 ft) telescopic boom. Its telescoping system consists of a two-stage hydraulic cylinder with a rope extension mechanism.

Caption

liebherr-rough-terrain-crane-lrt1090-2.1.jpg

The new Liebherr rough-terrain cranes are designed for high capacity and safety.

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