

World premiere at Bauma 2016: The Liebherr R 922 crawler excavator for less regulated markets

- R 920, R 922 and R 924 (Stage IIIA / Tier 3 / CHINA III) available from summer 2016
- For less regulated markets such as Russia, India, China, South-East Asia or South Africa
- Complete renewal of the crawler excavator model series between 20 tonnes and 25 tonnes

Munich (Germany), 11 April 2016 – In Munich, Liebherr presents a new crawler excavator model series, whose diesel engines satisfy the emissions standards Stage IIIA / Tier 3 / CHINA III. At the so-called "BRICS Demonstration Park" located close to the Bauma trade fair grounds, Liebherr presents earthmoving machines during Bauma 2016, which are specifically oriented towards the needs of customers from less regulated markets such as Russia, India, China, South-East Asia or South Africa.

As a world premiere Liebherr presents the new crawler excavator R 922 at the BRICS Demonstration Park. The demonstration model is equipped with a 5.7 m monoblock boom and 2.9 m dipper arm, as well as a 1.15 m³ backhoe bucket. Its LC travel mechanism is 2,380 mm wide. The 22-tonne machine was developed especially for use in earthmoving, digging and drainage/sewerage work and has an output of 110 kW / 150 hp. The concept of the Liebherr R 922 is based on European standards and aims to improve reliability, as well as generate even higher productivity on the construction site – with lower fuel consumption at the same time.

The market launch of the R 922 is accompanied by a complete renewal of all crawler excavator models for these markets between 20 tonnes and 25 tonnes. In addition to the R 922, this also includes the models R 920 and R 924 with operating weights of 21 tonnes and 24 tonnes respectively and outputs of 110 kW / 150 hp and 125 kW / 170 hp.

Comfort and performance for really efficient usage

Liebherr enhanced the comfort for the driver in the new series. For instance, the R 922 has new seats, a 7" touch screen and larger windows. This gives the driver a better view of the working environment, thus increasing work safety.

In addition, the optimised Positive Control hydraulic system makes the combined movements of the machine even more fluid, which in turn increases the breakout forces and breakaway torques. The largest fuel tank available on the market, which is part of the equipment of the R 922, as well as the bigger attachments available as optional equipment, permit really efficient usage.

Reliable components and simplified maintenance concept

The R 922 is driven by a reliable 110 kW / 150 hp Cummins diesel engine. The six-cylinder common rail system is also compatible with diesel with a high sulphur content or with biodiesel B20. High performance and greater reliability are thus guaranteed over the long term.

The robust travel mechanism, the optimised Liebherr tooth system Z for attachments, as well as the optional backhoe bucket in a heavy-duty version, ensure long and efficient use of the new crawler excavator.

With a new maintenance concept Liebherr was able to reduce the costs of excavator maintenance. For instance, with the R 922 the maintenance elements are positioned close together and are easily accessible from the ground. The automatic central lubrication system is installed as standard and leads to increased productivity resulting from time savings.

Captions

liebherr-r922-crawler-excavator-tier3-01.jpg

The new Liebherr crawler excavators are designed specifically to meet the requirements of less regulated markets such as Russia, India, China, South-East Asia or South Africa.

liebherr-r922-crawler-excavator-tier3-02.jpg

Three new crawler excavators with operating weights between 20 and 24 tonnes extend the product portfolio of Liebherr crawler excavators – in Munich Liebherr showcases the 22-tonne R 922.

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