

The Liebherr R 920 crawler excavator for less regulated markets at Bauma China 2018

- R 920, R 922 and R 924 (Stage IIIA / Tier 3 / CHINA III) available
- 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

Shanghai (China), 27 November 2018 – At 2016 Bauma in Munich, Liebherr presented a crawler excavator model series, whose diesel engines satisfy the emissions standards Stage IIIA / Tier 3 / CHINA III. This model series, which is specifically oriented towards the needs of customers from less regulated markets such as Russia, India, China, South-East Asia or South Africa will also be exhibited at Bauma China 2018.

During the trade fair in Shanghai Liebherr exhibits the R 920 crawler excavator. The 21-tonne machine was especially developed for use in earthmoving, digging and drainage/sewerage work and has an output of 110 kW / 150 HP. The concept of the Liebherr R 920 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 920 was accompanied by a complete renewal of all crawler excavator models for less regulated markets between 20 tons and 25 tons. In addition to the R 920, this also includes the models R 922 and R 924 with operating weights of 22 tonnes and 24 tonnes respectively and outputs of 110 kW / 150 HP and 125 kW / 170 HP.

Comfort and performance for efficient usage

Liebherr enhanced the comfort for the driver in the new series. For instance, the R 920 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 920, as well as the bigger attachments available as optional equipment, permit efficient usage.

Reliable components and simplified maintenance concept

A reliable 110 kW / 150 HP Cummins diesel engine drives the R 920. 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 920 the maintenance elements are positioned closely 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-r920-crawler-excavator-tier3-01.jpg

The 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-r920-crawler-excavator-tier3-02.jpg

Three crawler excavators with operating weights between 20 and 24 tonnes extend the product portfolio of Liebherr crawler excavators – in Shanghai Liebherr showcases the 20-tonne R 920.

Contact person

Alban Villaumé

Marketing and Communication

Phone: +33 389 21-3609

E-mail: alban.villaume@liebherr.com

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www.liebherr.com