LIEBHERR

Press release

Significant developments for the Liebherr generation 8 crawler excavators

- **A range with advanced settings**
- **Availability of new assistance systems**
- **The Liebherr generation 8 crawler excavators for earthmoving**

As part of the developments of the generation 8 crawler excavators, Liebherr is expanding its range: Numerous new settings are now available for the R 922 to R 945 G8 crawler excavators. Thanks to the integration of optional and standard assistance systems, generation 8 offers increased productivity and optimum efficiency with advanced functions.

Colmar (France), 12 January 2026 – New settings and assistance systems supplement the already comprehensive range of Liebherr generation 8 crawler excavators. These developments aim to better meet the market requirements when it comes to performance, energy efficiency, and ease of use.

New options: LPE, oils and diesel exhaust fluid

With LPE mode (Liebherr Power Efficiency), Liebherr is taking an important step towards energy management for its crawler excavators. This patented system, now integrated as standard on R 922 to R 945 G8 models, continuously optimises the hydraulics and the diesel engine and reduces fuel consumption by up to 10% – without compromising productivity. Easy to activate and able to store the operator's preferred settings, LPE Mode also offers a temporary performance boost for key movements, ensuring fast, precise, and efficient work suited to every job site.

With an innovative diesel exhaust fluid filling pump, Liebherr is setting new standards when it comes to safety, convenience, and ergonomics. This system is unique in the market and enables direct filling from the ground, and eliminates any risk of overflowing, contamination, and corrosion. The operator no longer has to climb onto or off the upper carriage. The procedure is fast and effortless and saves valuable time. In conjunction with the fuel filling pump, this exclusive Liebherr solution is establishing itself as a clear benefit on demanding building sites.

Availability of the 2D control, BFA, weighing device and Skyview 360° assistance systems

The Leica 2D control system is now available as standard. Fully integrated into the main display, it provides an intuitive interface with clear, colour-coded visuals for levelling and earthmoving tasks. The system delivers impressive precision and offers flexible configuration to suit any project.

The 2D guidance system is also expandable, enabling “3D-ready” options from Leica, including passive 3D or semi-automated 3D functions for even greater accuracy on demanding jobs. The result is higher productivity, enhanced safety, and exceptional ease of use through a streamlined, operator-friendly interface.

With the bucket filling assistant (BFA), Liebherr is automating bucket filling in order to optimise excavation cycles. A simple joystick command is sufficient to trigger the completely automated process that guarantees fast, precise, and consistent bucket filling. Available as a full factory-installed feature or via software update, the BFA system includes an anti-stall function that prevents bucket blockage, delivering maximum productivity, reduced operating costs and outstanding ease of use. To enable you to get to know this assistance system, Liebherr offers 500 hours complimentary BFA use.

The weighing device is also integrated directly into the main display for the generation 8 crawler excavator as standard. This system measures with a precision of ± 2% in real time during the entire loading cycle. Thanks to automated data recording via Liebherr Connect (depending on the licence) users benefit from optimum tracking and complete traceability. This innovation is available from the factory site or via a software update and guarantees optimum HGV loading, reduces the risk of overloading, and avoids potential fines. To test this system, Liebherr offers the opportunity to use it for 500 hours free of charge.

With the Skyview 360° assistance system, Liebherr places safety at the forefront of every job site. This innovative system uses four heated, high resolution wide-angle cameras to deliver a complete all-round view, ensuring even blind spots remain visible in cold weather. Operators can select from six individual views or opt for a computer-generated 360° bird’s-eye view, displayed on an adjustable additional screen. Available from the factory site or as a retrofit solution, Skyview 360° guarantees early obstacle detection, even in tight working environments. Compatible with all Liebherr G8 excavators, the system includes cameras, a computer unit, displays, and accessories - designed for straightforward installation and seamless replacement of existing systems.

Generation 8: tried and tested, and future-proof crawler excavators

The Liebherr generation 8 crawler excavators for earthmoving were introduced to the global market in 2019. They have a futuristic design and a completely redesigned architecture in order to improve convenience, safety, ergonomics, and performance. From the R 922 to the R 945, the generation 8 range combines outstanding performance with reduced fuel consumption, supported by a comfortable operator environment and simplified, safe maintenance access.

Proven in diverse applications worldwide, this generation continues to evolve, driven by Liebherr’s commitment to providing customers with the highest possible performance and long-term reliability.

About Liebherr-France SAS

Liebherr-France SAS, founded in 1961, is responsible for the development and production of the Liebherr Group's crawler excavators in Colmar (France). The current product range comprises around 30 crawler excavator models for use in earthmoving work and quarries: from the R 914 Compact to the R 998 SME. Its products also include a range of special equipment for specific tasks such as demolition, material handling, and maritime/tunnel applications, as well as large-capacity electric excavators. Crawler excavators with an operating weight of 14 to 100 tonnes are equipped with Liebherr engines with an output of 90 to 420 kW. Liebherr-France SAS employs more than 1250 people and generates an annual turnover of EUR 534 million.

About the Liebherr Group

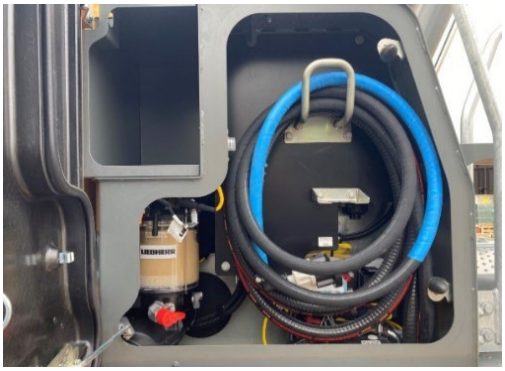
The Liebherr Group is a family-run technology company with a broadly diversified product range. The company is one of the largest manufacturers of construction machinery in the world. However, it also offers high-quality, user-oriented products and services in many other areas. Today, the group comprises more than 150 companies on all continents. In 2024, it employed more than 50,000 people and generated a total consolidated turnover of over 14 billion Euros. Liebherr was founded by Hans Liebherr in 1949 in Kirchdorf an der Iller, southern Germany. Since then, the employees have pursued the goal of convincing their customers with sophisticated solutions and contributing to technological progress.

Images

liebherr-g8-evolution-1.jpg
Since being introduced to the marked in 2019, the generation 8 crawler excavator has proven itself around the world.

liebherr-g8-evolution-2.jpg
The Leica 2D control system is now available as standard and integrated directly into the main display.

liebherr-g8-evolution-3.jpg
The bucket filling assistant system (BFA) automates bucket filling for optimised excavation cycles – maximum productivity, reduced operating costs and incomparable ease of use.



liebherr-g8-evolution-4.jpg
New diesel exhaust fluid filling pump: This system is unique on the market and enables direct filling from the ground, and eliminates any risk of overflowing, contamination, and corrosion.

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