

Press release

## Liebherr: 2022 business year with new record turnover

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**The Liebherr Group finished the year 2022 with a new record turnover of €12,589 million. Compared to the previous year, the company thus recorded a turnover growth of €950 million or 8.2 %.**

Bulle (Switzerland), 3 April 2023 – Difficult general conditions, rapidly rising food and fuel prices, as well as the ongoing coronavirus pandemic and related regional lockdowns weighed on economic development and slowed economic growth in the past business year. Nevertheless, Liebherr's turnover increased significantly compared to the previous year. The group achieved increased turnovers in 10 of its 13 product segments, some of them significant. It thus surpassed its previous turnover record from 2021 by €950 million.

Turnover in the seven product segments of earthmoving, material handling technology, deep foundation machines, mobile and crawler cranes, tower cranes, concrete technology and mining totalled €8,561 million, 6.9% above the previous year's level. In the six product segments of maritime cranes, aerospace and transportation systems, gear technology and automation systems, refrigerators and freezers, components and hotels, Liebherr achieved a total turnover of €4,028 million, an increase of 11 % over the previous year.

Turnover increased slightly in the European Union, which is traditionally the Group's strongest sales region. Growth rates in the EU markets varied, with business developing positively in the Netherlands and Italy in particular. Liebherr developed extremely positively in North America and in Central and South America, with strong growth impulses coming from the USA and Canada, and again from Brazil. The Group also recorded a pleasing increase in Africa as well as in the Near and Middle East. Turnover in Asia and Oceania was slightly above the previous year's level.

The Liebherr Group achieved a net income of €2 million in 2022. Operating results and the financial result decreased significantly compared to the previous year. The number of employees grew again in the 2022 business year. At the end of the year, the Liebherr Group had a total of 51,321 employees worldwide. Compared to the previous year, this constituted an increase of 1,710.

### **Traditionally high investments in research and development**

As a technology company, the Liebherr Group pursues the goal of making a decisive contribution towards technological progress in the sectors relevant for the Group. Last year, the Group therefore invested €588 million in research and development. The bulk of this was used in the development of new

products. Numerous cooperative ventures with universities or higher education institutions and research institutes were initiated or continued.

Alternative drive technologies continue to be a focal point of the research projects at Liebherr. As part of its technology neutral approach, which takes into account the most diverse areas of application and product requirements of customers worldwide, the Group is working, among other things, on the increased use of hydrogenated vegetable oils (HVO). The fuel, which is derived from renewable energy sources, can be used directly in a large proportion of Liebherr's construction machinery, cranes and mining machines, thus also significantly reducing CO<sub>2</sub> emissions from existing fleets. An absolute novelty is the R 9XX H<sub>2</sub>: The crawler excavator, which won the Bauma Innovation Award for Climate Protection, is powered by Liebherr's H966 hydrogen combustion engine and emits almost no CO<sub>2</sub> during construction site operation. Liebherr also continued its research into fuel cell systems for the aviation industry. The first of these systems was successfully commissioned in 2022.

In the field of electric drives, since the previous business year, Liebherr has added six new models to its Unplugged range, which consists of battery-powered, locally emission-free crawler cranes as well as piling and drilling rigs up to 400 tonnes. Furthermore, the new LTC 1050-3.1 E compact crane is equipped with an electric motor in addition to the conventional drive. Another new development from Liebherr is the Liduro Power Port (LPO) mobile energy storage system for supplying power to hybrid or fully electric construction machinery and equipment on construction sites.

Digitalisation was another focal point of the Group's R&D activities. The new LICCON3 crane control in the LTM 1110-5.2 and LTM 1100-5.3 models laid the foundation for a new, digitised generation of mobile cranes. Among other things, LiTool, a design and simulation program for increased quality of gear cutting tools, was further developed. In the components segment, Liebherr implemented various camera-monitor systems and all-round vision solutions. In concrete technology, the development of a software for control technology, which will be used for collecting and processing data for process optimisation, started. In addition, existing technologies for remote control, automation and networking were optimised in several product segments. Work was carried out, for example, on the Liebherr-Remote-Control (LiReCon) teleoperation system. With it, both cranes and earthmoving machines such as excavators, wheel loaders and dozers can be controlled safely and conveniently from a distance. Liebherr has also made further developments in the area of assistance systems over the past year. Particularly noteworthy is the expansion of the assistance systems for mining trucks to include the Trolley Guidance and Crusher Guidance systems, which increase operating efficiency and operational safety.

## **Investments in production, sales and service**

The Group invested €863 million in its production sites and its global distribution and service networks. Investments thus increased by €121 million compared to last year. Offset against this was depreciation of €528 million. For example, the Group expanded its sales and service activities on the French market and added the new branch office Liebherr Distribution et Services France SAS, which is located in Taverny near Paris. In the aerospace and transportation systems segment, Liebherr opened a repair workshop in Singapore and applied for an extension of the site in Campsas near Toulouse (France) to expand the manufacture of heat exchangers there. In order to further expand the remanufacturing of used components and thus make an important contribution towards the conservation of resources,

Liebherr began the construction of a new remanufacturing workshop at its Jakarta (Indonesia) site. In Austria, Liebherr continued the construction of a new logistics centre at the Telfs site. This is where most of the production material will be stored in future. In Oberopfingen (Germany), construction work was initiated for a new hydraulic cylinder plant, and in the tower crane segment Liebherr is planning an extension to the existing factory building at the manufacturing site in Pune (India). With the opening of the new repair facility in Ehingen-Berg (Germany), Liebherr took the first step in a large-scale plant expansion at the Ehingen site, which will enable higher production capacities and an optimised service portfolio. All project measures at the repair facility in Ehingen-Berg are to be completed by 2024. Furthermore, the Group invested heavily in emission-reducing and energy-saving measures at various sites in the business year, such as photovoltaic systems, LEDs as light sources, and the further low-emission design of factory traffic through electric drives and the use of HVO.

## Outlook for 2023

The Liebherr Group has started the year 2023 with a positive order situation. With regard to the war in Ukraine, however, there is still great uncertainty as to whether and to what extent a gradual easing will occur, whether the sanctions will remain in force and whether a gas shortage, which would result in rationing, can be avoided. At the same time, there are still macroeconomic uncertainties about the duration and distribution of the expected decline in economic activity in Europe, the duration of broad price increases in many goods and services, and the scarcity of certain raw materials and labour. The same applies to bottlenecks in different supply chains. It is also unclear how fiscal and monetary policy measures will affect the Liebherr Group. Macroeconomically, however, lower inflation may reduce uncertainties and thus increase demand for the Group's products and services. Following the successful previous business years, Liebherr expects further growth in turnover in 2023.

On Monday, 3 April 2023, the Liebherr Group publishes its current annual report. In addition to detailed figures, it contains a magazine section reviewing the past business year. In an interview, Dr. h.c. Dipl.-Kfm. Isolde Liebherr, Dr. h.c. Dipl.-Ing. (ETH) Willi Liebherr, Jan Liebherr and Patricia Rüb give their summary for 2022.

The annual report of the Liebherr Group can be found online at [www.liebherr.com/annual-report](http://www.liebherr.com/annual-report).

## About the Liebherr Group

The Liebherr Group is a family-run technology company with a very diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in many other areas. Today the Liebherr Group has over 140 companies spread across all continents. In 2022, it employed more than 50,000 people and generated a consolidated total turnover of over 12.5 billion euros. Liebherr was founded in 1949 in Kirchdorf an der Iller in southern Germany. Since then the employees aim to convince their customers with sophisticated solutions and contribute to technological progress.

## Images



liebherr-tower-cranes-2022.jpg

Four towers for Frankfurt (Germany): up to nine HC-L cranes are working on the futuristic towers rise up to 230 m into the sky. Liebherr's Tower Crane Solutions project department accompanies the construction from planning to dismantling of the last piece of equipment.



liebherr-mobile-cranes-2022.jpg

Prototype with 2,500 tonnes load capacity: the new LR 12500-1.0 is tested at the Ehingen acceptance site.



liebherr-h2-engine-2022.jpg

The 6-cylinder prototype of the H966 hydrogen engine: it is the heart of the first hydrogen-fuelled crawler excavator by Liebherr.



liebherr-earth-moving-2022.jpg

Awarded world premiere at Bauma: in Munich, Liebherr presented a new crawler excavator powered by a hydrogen combustion engine. The machine received the Bauma Innovation Award 2022 in the climate protection category.



liebherr-material-handling-2022.jpg

The material handling technology product segment focused, among other things, on the further development of the product portfolio: especially in the area of attachments, the company presented for example a multi-tine grapple that is predestined for the toughest applications in the area of recycling and scrap handling sector.



liebherr-concrete-technology-2022.jpg

Modular systems for customised solutions: the Betomix and Mobilmix series save up to 30 % energy and feature higher metering accuracy than their predecessor models.



liebherr-aerospace-2022.jpg

Latest Liebherr technology on board: the Falcon 10X by Dassault Aviation – © Dassault Aviation



liebherr-piling-rig-2022.jpg

At its first operation in Sweden: the battery-powered piling rig LRH 100.1 unplugged with H 6 hammer.



liebherr-gear-technology-2022.jpg

The new LC 500 DC gear hobbing machine: hobbing and simultaneous chamfering.



liebherr-mobile-harbour-crane-2022.jpg

Getting ready to perform a tandem lift of wind blades: two Liebherr LHM 550 mobile harbour cranes at Antwerp Euroterminal NV (AET) in Belgium.



liebherr-mining-2022.jpg

Tackling the challenge: Fortescue and Liebherr establish a partnership for zero-emission mining machines.



liebherr-domestic-appliances-2022.jpg

Long-lasting and energy-saving: Liebherr-Hausgeräte launches new freestanding refrigerators and freezers in 2022 that reach the best energy efficiency classes – and all that for a long time.

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