

### **Liebherr and Leica Geosystems announce entry into partnership**

- Liebherr and Leica Geosystems announce the entry into a strategic partnership in the field of machine control solutions
- 2D and 3D machine control solutions will in future be available as factory mounted equipment on Liebherr wheeled and crawler excavators of generations 6 and 8

**Kirchdorf an der Iller (Germany), 10 March 2020 – Liebherr and Leica Geosystems, part of Hexagon, will enter into a strategic partnership in the field of machine control solutions. In future, Liebherr wheeled and crawler excavators of generations 6 and 8 can be optionally equipped from factory with 2D and 3D machine control solutions.**

In future, factory mounted indicate 2D and 3D machine control solutions will be optionally available for wheeled and crawler excavators in earthmoving applications.

#### **Machine control solutions by Leica Geosystems**

In the digital era, assistance systems like machine control solutions for construction machines will become more and more important. Liebherr relies on the extensive know-how of Leica Geosystems in order to be able to offer customers state-of-the-art complete solution for machine control straight from the factory. Leica Geosystems is part of Hexagon, a global leader in sensor, software and autonomous solutions. Amongst others, the company specializes in advanced machine control solutions.

The 2D and 3D machine control solutions by Leica Geosystems will be available for Liebherr generation 6 and 8 wheeled and crawler excavators as equipment variant from factory for the mono boom as well as two-piece boom versions. Furthermore, hydraulic tilt buckets and tiltrotators can be integrated into the machine control solution. For the wheeled and crawler excavators as well as crawler tractors, ex-works pre-arrangements are available, which makes it possible to retrofit machine control systems of different providers.

## **Precise, fast and effective processing of construction projects thanks to state-of-the-art 2D and 3D machine control solutions**

To be able to realize projects in the construction industry successfully, earthmoving operations must be carried out precisely, quickly and effectively. State-of-the-art machine control solutions are used for this. The imminent Liebherr and Leica Geosystems partnership will enable Liebherr to offer 2D and 3D machine control solutions.

The Leica 2D machine control system iCON iXE2 is an easy-to-use, multifunctional assistance system. Earthmoving operation profiles, incorporating different heights and slopes, can be quickly produced to both simplify and increase machine productivity. The iCON iXE3 3D machine control system includes Leica Geosystems' most advanced 3D machine control solution. It enables project data and associated work tasks to be on the machine display in real time. This ensures an ease of use, which leads to an increase in productivity and safety.

These machine control solutions form the basis for future automation and an outlook on what possibilities may be available in the future.

### **Leica Geosystems – when it has to be right**

Revolutionising the world of measurement and survey for 200 years, Leica Geosystems, part of Hexagon, creates complete solutions for professionals across the planet. Known for premium products and innovative solution development, professionals in a diverse mix of industries, such as aerospace and defence, safety and security, construction and manufacturing, trust Leica Geosystems for all their geospatial needs. With precise and accurate instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world. Hexagon is a global leader in sensor, software and autonomous solutions. Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.9bn EUR.

## **About the Liebherr Group**

The Liebherr Group employs over 46,000 people in more than 130 companies across all continents. In 2018 Liebherr achieved a total consolidated turnover of more than 10.5 billion euros. As a global family-run technology company the Group is one of the world's largest manufacturers of construction machines and is recognised for developing technically advanced and user-oriented products and services. The Liebherr Group is divided into eleven divisions. Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949.

## **About the Earthmoving division**

The Earthmoving division manufactures a broad range of earthmoving machines at sites in Germany, France, Austria, China, Brazil and Russia. Special civil engineering machines and material handlers for diverse applications are also part of this business area. The Earthmoving division employs 9,460 employees and achieved a record turnover of 2,772 million euros in 2018.

## **Captions**

liebherr-antennas-with-GNSS-technology.jpg

Rear-mounted antennas with superior GNSS technology determine the exact position of the machine on the construction site.

liebherr-leica-Panel-MCP80.jpg

The split display view allows the machine operator a top view in 2D or 3D (left display view), a transverse view for the desired inclination (right upper display view) as well as a longitudinal view for planning the excavator work (right lower display view).

## **Contact**

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**Published by**

Liebherr-Hydraulikbagger GmbH

Kirchdorf / Iller, Germany

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