

Press release

# Signed and sealed – Liebherr to kick off assembly of hydraulic cylinders in China

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- **Assembly line for hydraulic cylinders at Liebherr's Dalian site now TÜV certified**
- **The Components Division continues to expand its global presence in Asia to supply the Chinese market**

**With an assembly line in China, Liebherr is expanding its capacity for the production of hydraulic cylinders in the Components Division. These are destined for the Chinese market and can from now on be manufactured directly in Asia.**

Dalian (China), April 21, 2021 – Liebherr currently manufactures earthmoving machinery and drive components at its Dalian site. With the TÜV certification of the Chinese production site, the Components Division is further expanding its global presence: In the future, hydraulic cylinders for the Chinese market will leave the Dalian plant in addition to drive components. Adding to an automatic washing system, part of this assembly line is also a painting system. Here the hydraulic cylinders can be painted in a suspended state on a conveyor. Another highlight is the assembly stand, which directly integrates final inspection for hydraulic cylinders.

The hydraulic cylinder portfolio for the Chinese market consists of products for a wide variety of stationary and mobile applications, such as plant engineering or construction machinery. Liebherr will also produce cylinders for the rotor blade adjustment of wind turbines on site. The earthmoving product segment is currently producing a well-graded range of crawler excavators and wheel loaders for China and other export markets at the same plant. Assembly will start with hydraulic cylinders of the "standard 380 bar series-production range" for Liebherr crawler excavators from Dalian. In addition, the locally manufactured components will also be used in the wheel loaders produced on site in the future.

## **Liebherr promotes local value creation**

Both European and Chinese customers are increasingly valuing the importance of local supply for their production companies. The company is therefore pursuing a "local for local" approach in two respects. On the one hand, the hydraulic cylinders assembled in Dalian are destined for the Chinese market. On the other, selected, proven local partners supply the mechanically machined individual components for the cylinders. This means that short delivery times can be assured. Those responsible for assembly in Dalian work closely with their colleagues at Liebherr-Components Kirchdorf GmbH. For example, all hydraulic cylinders produced in Dalian are developed in the Iller valley. There, initial sample testing of individual parts also takes place during the production startup.

## Part of an internationalisation strategy

Being close to the customer while tapping the full potential are the goals Liebherr is pursuing with the assembly of hydraulic cylinders in China. By producing cylinders in Dalian that were previously exported from the main plant to China, the Components Division will be able to optimally supply other Liebherr companies locally with hydraulic cylinders and grow in the external Chinese market. While doing so, jobs at the Kirchdorf site will be retained. At the same time, additional capacity is being created at the German plant in order to implement current portfolio expansion projects. These include new developments for industrial applications or additional hydraulic components, such as hydraulic power units and piston accumulators.

### About Liebherr-Components AG

In this segment, the Liebherr Group specialises in the development, design, manufacturing of high-performance components in the field of mechanical, hydraulic and electric drive and control technology. Liebherr-Component Technologies AG, based in Bulle (Switzerland), coordinates all activities in the Components product segment.

The extensive product range includes diesel and gas engines, injection systems, engine control units, axial piston pumps and motors, hydraulic cylinders, slewing bearings, gearboxes and winches, switchgear, electronic and power electronics components, and software. The high-quality components are used in cranes and earthmoving machinery, in the mining industry, maritime applications, wind turbines, automotive engineering or in aviation and transport technology. Synergy effects in s other product segments of the Liebherr Group are used to drive continuous technological development.

### About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents. In 2020, it employed around 48,000 staff and achieved combined revenues of over 10.3 billion euros. Liebherr was founded in Kirchdorf an der Iller in Southern Germany in 1949. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

## Images



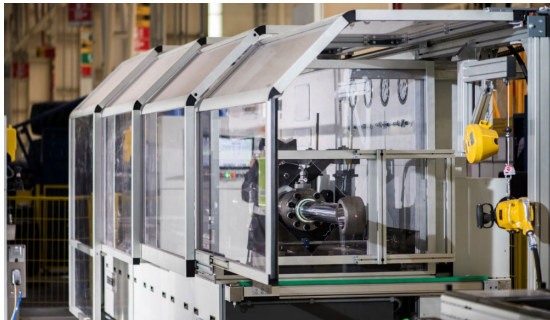
liebherr-assembly-of-hydraulic-cylinders-in-china.jpg

With an assembly line in China, Liebherr-Components is expanding its capacity for the production of hydraulic cylinders.



liebherr-washing-system.jpg

A fully automatic washing system supports the „clean“ assembly process.



liebherr-integrated-testing.jpg

Integrated testing on the assembly stand ensures efficient throughput times.

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