

Press Release

Liebherr expands portfolio with series-production range for piston accumulators

- The Components product segment complements its portfolio with a series-production range of piston accumulators for the 250 and 350 bar pressure range.
- With its selection of piston accumulators, Liebherr is taking a further step towards becoming a supplier of complete hydraulic systems.
- The products serve a wide range of applications and are designed in accordance with the ASME and PED regulations.

With an additional series-production range in the Components product segment, Liebherr now also offers piston accumulators. These can be used either as a single solution, or in conjunction with other hydraulic components as a system. Within the production range, a multitude of options is available for a wide variety of applications.

Kirchdorf/Iller, 31. May, 2021 – Liebherr already produces hydraulic cylinders, hydraulic power units and gas cylinders at its components site in Kirchdorf an der Iller (Germany). The existing, long-standing expertise in this field forms the basis for the creation of a series-production range for piston accumulators. Hence, the series stands out due to modern and economical production processes, but also because of a low-maintenance and compact design. When selecting the piston accumulator, a range of piston diameters from 100 to 360 mm is available. Thus, oil volumes of up to 400 l are possible.

Simple configuration, many possibilities

The design and production of the piston accumulators meets country-specific requirements in line with PED 2014/68/EU and ASME Code Section VIII regulations. "The design of the series always focused on market requirements upon development," explains Jessica Schwarz, product manager at Liebherr-Components Kirchdorf GmbH. The production range offers a wide selection of different oil and gas connections. Furthermore, there is an option to integrate a position transducer system. Depending on the requirements, the products can be primed painted or coated for salt-water protection.

Broad field of application for the most diverse requirements

The solutions in the series-production range are designed for both mobile and stationary applications. They find their use in industrial applications, mobile machines, in the field of renewable energies, as well as in maritime and offshore applications. In this context, they can be applied for energy storage, for emergency operation, but also for shock absorption. In the system, the piston accumulators of the new production range can be integrated in vertical and horizontal installation positions. In use, the components can withstand temperatures from -40°C to +90°C.

System provider as strategic approach

With the new piston accumulator series-production range, Liebherr continues to pursue its strategic goal of appearing on the market as a system supplier in the hydraulics sector. The individual components can be coordinated with one another as early as the development stage, so that a complete system from a single source is possible. If required, hydraulic power units and piston accumulators, as well as other components as control cabinets or hydraulic pumps by Liebherr can be used in addition to hydraulic cylinders. Furthermore, customers also benefit from the worldwide Liebherr service network.

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



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The products of the new piston accumulator series-production range operate reliably in the pressure range of 250 and 350 bar.



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In the production of piston accumulators, Liebherr relies on modern and economical processes.

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