

PRESS RELEASE

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Bosch Rexroth expands its portfolio of compact axes for industrial applications through an acquisition

Technically and economically leading drive solutions in all performance classes

- ▶ Bosch Rexroth takes over know-how of EH-D GmbH and Onovum GmbH
- ▶ Expansion to the range of compact axes for low-power applications
- ▶ Production to be set up in Chemnitz



Signing the contract in Ulm on June 28, 2021: Dr. Steffen Haack, member of the Board of Management at Bosch Rexroth AG responsible for Development and Head of Industrial Hydraulics (right), and Kai Böhner, Managing Director of EH-D GmbH and Onovum GmbH (Image source: Armin Buhl).

By taking over an extensive technology package, Bosch Rexroth will increase its range of electrically driven, servo-hydraulic compact axes currently used primarily in industrial applications. The agreement to take over all intellectual property rights, patents and know-how of EH-D GmbH and Onovum GmbH was signed in Ulm, Germany on June 28. Both sides agreed not to reveal the financial details.

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To date, Bosch Rexroth has focused on axis models in the range of 10 kW or more. Having taken over the technology of EH-D and Onovum, the leading drive and control system specialist has expanded its portfolio in the segment below 10 kW.

The compact axes from EH-D and Onovum have a leading position in this market segment and a broad customer base. They are used in numerous applications in various sectors where linear movements with considerable force are required. These include plastics processing machines or presses, power plant systems, the steel industry, metal processing, cooling systems, the food industry and mobile applications.

The axes have a number of special technical features. Their internal gear pumps are suitable for 4-quadrant operation, i.e. operation in both directions as a drive or a brake. The oil-flushed synchronous motors allow targeted heat dissipation and thus extended operating ranges with no need for secondary cooling measures. And the specially developed compensators for EH-D compact axes help to balance differential volumes and compensate for internal leakage flows or temperature fluctuations in the fluid.

“By taking over the companies’ special compact axis know-how, we’ll be able to offer our customers unique drive solutions for all power classes that are leading both technologically and economically. In addition, it will help to further drive the electrification of industrial applications. The addition to our portfolio will also help us in our strategy to win customers in other sectors such as the food industry,” said Dr. Steffen Haack, the member of the Board of Management at Bosch Rexroth AG responsible for Development and Head of the Industrial Hydraulics Business Unit.

Bosch Rexroth has taken over all intellectual property rights, patents and know-how of the Burghaslach, Germany-based companies EH-D GmbH and Onovum GmbH which are under the same management. In the future, all employees of EH-D and Onovum will work for Bosch Rexroth. The next step will be to develop technical support for global growth in product sales and to boost production of EH-D and Onovum compact axes in Chemnitz, Germany. Bosch Rexroth has already been manufacturing hydraulic systems in Chemnitz and currently employs around 150 people at the site.

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As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 29,600 associates generated sales revenue of around 5.2 billion euros in 2020.

To learn more, please visit www.boschrexroth.com.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, <https://twitter.com/BoschPress>

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