

Bosch Rexroth and BigRep Announce Development Partnership to Introduce New Dimension of Industrial Additive Manufacturing.

Technological advances and integration will establish 3D printing as an industry 4.0 application.

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BigRep, the global leader in large-scale 3D printers, and Bosch Rexroth, one of the world's leading suppliers of drive and control technologies, today announced a development partnership: For the first time, 3D printers by BigRep will be equipped with state-of-art CNC control systems and drives by Bosch Rexroth, firmly establishing Additive Manufacturing as a key industry 4.0 application in industrial production technology while also making 3D printing a truly IoT-ready "made in Germany" machine with full connectivity and data.

"Across industries, customers are looking for reliable, controllable and efficient 3D printers in order to manufacture top quality parts", says BigRep CEO Dr. Stephan Beyer. "As BigRep is the first to integrate CNC-grade control systems in 3D printers, we will re-define Additive Manufacturing. The Rexroth controls are also an excellent platform for providing our 3D printers with full connectivity for existing production and automation systems. This will establish 3D printing as a key industry 4.0 application."

Thomas Fechner, Director of the Business Unit New Business at Bosch Rexroth, says: "This partnership demonstrates that Bosch Rexroth is constantly developing sustainable technologies and new factory automation solutions for the Factory of the Future."

Additive Manufacturing is establishing itself as a manufacturing technology for the Factory of the Future and has already had a significant impact on prototyping and small serial production. Bosch Rexroth, too, is committed to this innovative technology. On the one hand, the specialist for drive and control technologies is using the process to enable the fast and cost-efficient creation of models, patterns, prototypes, tools and end products. On the other hand, the company offers 3D printing components and solutions.

By combining the experts in drive and control technologies with the experts in large-scale 3D printing, the additive industry will see faster and more cost-efficient creation of models, patterns, prototypes, tools and end-use products. BigRep and Bosch Rexroth are committed to reshaping manufacturing.

About BigRep

BigRep develops the world's largest serial production 3D printers, creating the industry benchmark for large-scale 3D printing with the aim to reshape manufacturing. Its award-winning, German-engineered machines, including the STUDIO and ONE, are establishing new standards in speed, reliability and efficiency. BigRep's printers are the preferred choice of engineers, designers and manufacturers at leading companies in the industrial, automotive and aerospace sectors. Through collaborations with its strategic partners – including Bosch Rexroth, Etihad Airways and Deutsche Bahn – and key investors – including BASF, Koehler, Klöckner and Körber – BigRep continues to develop complete solutions for integrated additive manufacturing systems, as well as a wide range of printing materials on an open-choice basis. Founded in 2014, BigRep is headquartered in Berlin with offices in Boston and Singapore.



Leading the way in one of the world's key technologies, our multinational engineering teams are highly trained, interdisciplinary and customer-focused.

To learn more, please visit www.bigrep.com

About Bosch Rexroth

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 30,500 associates generated sales revenue of 5.5 billion euros in 2017.

To learn more, please visit www.boschrexroth.com

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