

Press Release

“Signed, Sealed and Delivered”: BigRep Ships its 500th Large-Format 3D Printer.

Providing digital solutions empowering production, delivery marks another milestone in BigRep’s dynamic business development.

Berlin, 11 March 2020 – BigRep, the global leader in large-format additive manufacturing (AM) technology and solutions, is celebrating the delivery of its 500th industrial 3D printer since the company was founded in 2014 – making BigRep one of the world’s most trusted and successful AM manufacturers.

The announcement is the latest in a string of BigRep product and service launches such as the opening of a new 3D printing service in Boston, BigRep 3D PARTLAB, to expand North American customer benefits by offering 3D printed parts on demand. Other recent launches include the premiere of a new printer, the STUDIO G2, and the introduction of four new engineering-grade filaments: PA6/66, PET-CF, PLX, and BVOH.

For many customers across industries, BigRep’s large-format AM solutions (FFF segment) are the preferred choice. In automotive, major global players such as Ford Motor Company and Volvo Car Corporation rely on BigRep systems for prototyping, tooling, and other applications. In aerospace, AIRBUS SAS and Etihad Engineering are using BigRep’s 3D printers for a variety of applications. Other renowned customers include Bosch Rexroth AG and manufacturing companies such as JC Steele & Sons Inc. in the U.S.

“This delivery is more than just a figure, it shows how much industrial customers value our products and the production freedom they create. We greatly appreciate this trust and will continue utilizing the full potential of AM applications to the benefit of our customers, new and old,” says **BigRep Managing Director, Martin Back**. “Delivering consistently high quality, fast, precise, and cost-efficient products, is unthinkable without BigRep’s dedicated employees, as well as the commitment of our investors and partners, whom we’d like to thank with gratitude.”

The 500th system delivered is a BigRep ONE acquired by e-mobility tech-company JAMADE GERMANY, which just recently launched their underwater scooter, AMAZEA, the world’s first water sports mobility device scheduled to use serial produced AM parts at the consumer level, being 75% comprised of custom 3D-printed features.

“We are very excited about this delivery because it represents a new dimension of industrial AM in end-consumer products, both for us as a company and the industry. The new BigRep ONE will enable us to launch the serial production of AMAZEA as planned, completing our existing fleet of four BigRep ONE printers,” says **JAMADE Managing Partner and Technical Director, Detlef Klages**. “We greatly value the printers’ cost efficiency, accuracy and quality when compared to the extremely high investment for traditional tools.”

The **BigRep ONE** is among the three German-engineered AM systems manufactured by BigRep, which also include the recently introduced **STUDIO G2** and BigRep **PRO** – the company’s next-generation 3D printers. The PRO includes BigRep’s proprietary Metering Extruder Technology (MXT®), and is equipped

with a state-of-the-art Bosch Rexroth CNC motion control system to combine speed and precision for a truly industrial additive manufacturing solution with IoT connectivity to fully integrate with Industry 4.0. In addition, BigRep, in partnership with BASF, provides engineering-grade materials to take full advantage of their 3D printers' potential.

BigRep is the brainchild of German entrepreneur René Gurka, who just recently passed away. True to his vision, BigRep has developed a unique, purpose-oriented way of matching creative design with innovative, sustainable AM technology for industrial applications. Since then, the start-up has evolved as a global leader in 3D printing (FFF segment) with some 90 employees and offices in Boston and Singapore, as well as a strong partner network including BASF, Bosch Rexroth, AIRBUS, and others.

True to its origins, BigRep has continued to be a driving force in 3D printing by showcasing AM innovations in the company's prototypes, such as the NERA ebike, LOCI podcar, GENESIS Eco Screen, or industrial prototypes like the NEXT AGV, AIRBUS Investment Shipping Case and many more. Designed by BigRep's innovation consultancy, NOWLAB, all of these creations were produced on BigRep printers with the latest engineering-grade filaments.

About BigRep

BigRep develops the world's largest serial production 3D printers, creating the industry benchmark for large-scale printing with the aim to reshape manufacturing. Its award-winning, German-engineered machines 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 source. 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.

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