

Press Release

BigRep Introduces a New Generation Large-Format 3D Printer for Industrial Applications.

Built upon the success of the reliable and award-winning STUDIO, the new and improved BigRep STUDIO G2 provides speed and quality in large-format with engineering-grade materials.

Detroit, MI, May 20, 2019 – BigRep, the global leader in large-format 3D printing, will unveil its new-generation STUDIO printer at the **RAPID+TCT** event in **Detroit** (May 20 – 23, 2019, BigRep booth 503). The new and improved **BigRep STUDIO G2** is designed to print engineering-grade materials while continuing to offer all the advantages that have established the original, award-winning STUDIO as the workhorse 3D printer for premium large-format objects. The STUDIO G2 is available to order now.

“We are excited to host the world premiere of the STUDIO G2 at North America’s most influential AM event – RAPID+TCT. We believe that both customers already relying on the original machine and new ones will appreciate the many advanced features of the STUDIO G2,” said BigRep CBO, Frank Marangell.

Offering unmatched speed and resolution in large-format additive manufacturing, the German-engineered and manufactured STUDIO G2 is specially designed for industrial applications. Thanks to its new, fully enclosed and insulated build envelope of 500 mm x 1000 mm x 500 mm, fast-heating print bed reaching 100°C, and temperature-controlled filament chamber, the STUDIO G2 has been propelled to a class of its own. With its dual extruder equipped with two 0.6 mm ruby nozzles, the printer is capable of producing detailed results with abrasive engineering-grade materials, such as PA6/66, at layer heights as little as 0.1 mm. Future materials to be released will include other engineering-grade materials like ASA and composite materials with carbon / glass fiber enhancement. The STUDIO G2 also comes equipped with the new proprietary BigRep BLADE slicer software, which provides accurate printing time and material use calculations for optimized productivity.

“The new generation STUDIO G2 is a great addition to our expanding industrial portfolio of large-format printers. Based on proven, successful technology, the STUDIO G2 is upgraded with key features that industrial users need,” said BigRep CEO, Stephan Beyer, PhD. “We’ve built it for printing with the abrasive, engineering-grade materials that the industry demands in a next-level, space-saving printer for large-format parts.”

The STUDIO G2 is ergonomically designed to fit any workspace with maximum ease of use and accessibility. Standing at an ideal height of 1765 mm, it’s a sleek workhorse machine that’s optimized for everyday use even where space is at a premium.

In addition to the STUDIO G2 introduction, BigRep will also showcase the highly anticipated new **BigRep PRO**, equipped with BigRep’s exclusive MXT® Metering Extruder Technology, and a state-of-the-art Bosch Rexroth motion control system. Lastly BigRep, for the first time in North America, will showcase **NERA**, the world’s first fully 3D-printed e-motorbike, and its designer, Marco Mattia Cristofori will present on how it came to life in just 12 weeks.

About BigRep

BigRep develops the world's largest serial production 3D printers, creating the industry benchmark for large-format 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.

For more information on BigRep and its solutions and to arrange an on-site interview with BigRep CBO, Frank Marangell please contact:

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