



BigRep Introduces a New Generation of Large-Format 3D Printers Tailored to Their Users' Applications

BigRep strengthens its portfolio with the new **easier-than-ever PRO** and the new **configurable ONE**.

Berlin/Frankfurt, Germany, November 10, 2021: BigRep, the global leader in large-format 3D printing, will unveil its new generation of 3D printers at the Formnext 2021 event in Frankfurt (November 16 – 19).

ITERATE FAST. PRODUCE FASTER. GET TO MARKET FASTEST. The new and improved **BigRep PRO**, a meter cubed powerhouse 3D printer, is designed with the industrial user's needs in mind. Its versatility allows for full-scale, large parts including functional prototypes, factory tooling, patterns, molds, and end-use parts. Built for productivity throughout all stages of manufacturing, the PRO provides designers, engineers, and manufacturers with an easy-to-use, flexible solution to innovate and produce faster and cheaper. Fully fiber-ready, the new BigRep PRO is now compatible with many fiber filled filaments including PA12-CF.

Using the BigRep PRO is now easier than ever thanks to a new hybrid software-hardware solution, BigRep **JUMPSTART**, that lets you start printing within minutes and skip the hassle of manual print preparation. JUMPSTART combines three features that make life easier for the customer, saving them valuable time. First, removing large and small parts on the PRO just got easier with SWITCHPLATE, a removable and flexible print bed surface that eliminates the need for glues and removal tools. Second, LOCKSTAGE allows for accurate, secure extruder mounting with little effort, providing even greater precision throughout the entire print. Lastly, BigRep's MXT® Controls System simplifies



BigRep SWITCHPLATE in action

the user experience bypassing the need for manual print bed and extruder calibration ensuring crucial first print layers are optimal every time.

BigRep's upgraded **MXT® Controls System** orchestrates the harmonious performance of all components and processes to ensure fast printing, accuracy, and repeatability. It employs proprietary algorithms that improve your gcode print file, resulting in better quality such as smoother surfaces, higher accuracy and all-around consistent results.

LARGE-SCALE INNOVATION. LIMITLESS CREATIVITY. The new and upgraded **BigRep ONE** is fully tailored to support designers, pattern makers, and researchers by bringing their designs and innovative ideas to life in full scale.

The ONE comes with a new, lighter, and more precise portal and can now be configured easily to the needs of the user. Customers are able to choose from single, dual, or twin extruder modes plus add-ons like an enclosed housing and even the printer's color to create the perfect machine just for them. Then as their 3D printing needs evolve, they can simply upgrade their ONE with additional features.



New ONE with upgrade enclosure package

“We are excited and proud to present our new additive manufacturing solutions combining our diverse hardware, materials and processes, as well as software and controls expertise,” says Dr. Sven Thate, Managing Director of BigRep. “The new BigRep PRO was developed with our industrial users' productivity and ease of use in mind. The new BigRep ONE, the original affordable large-format 3D printer, is now even more accessible and customizable for all innovative users THINKING BIG.”

See the new BigRep **PRO and ONE**, BigRep SHIELD dry cabinet, and the limitless **applications** of our successful users including Canyon Bike, Kennedy Valve, Ford, Magirus, Zoeller Kipper and more at **Formnext 2021 in BigRep's booth, located in Hall 12.1 Booth F 01.**

About BigRep

A global leader in large-format FFF 3D printing, BigRep strives to transform its user's productivity and creativity with easy-to-use additive manufacturing solutions. With an aim to help companies accelerate innovation and rethink manufacturing, BigRep's German-engineered 3D printers enable engineers, designers and manufacturers from start-ups to fortune 100 companies to go from prototyping to production faster, getting their products to market first. Through collaborations with strategic partners – including BASF, Bosch Rexroth, Etihad Airways, and Deutsche Bahn – BigRep continues to develop complete additive manufacturing solutions comprising of industrial 3D printers, software, and advanced materials. Founded in 2014, BigRep is headquartered in Berlin with offices and technical centers in Boston and Singapore.

NEW PRO VIDEO:

https://www.youtube.com/watch?v=GSgx27c0U_U

PHOTOS AND ADDITIONAL INFORMATION:

<https://drive.google.com/drive/folders/12Zpe9EwJ0zgOxtCjSBKYa3CmG3WLCciS?usp=sharing>

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