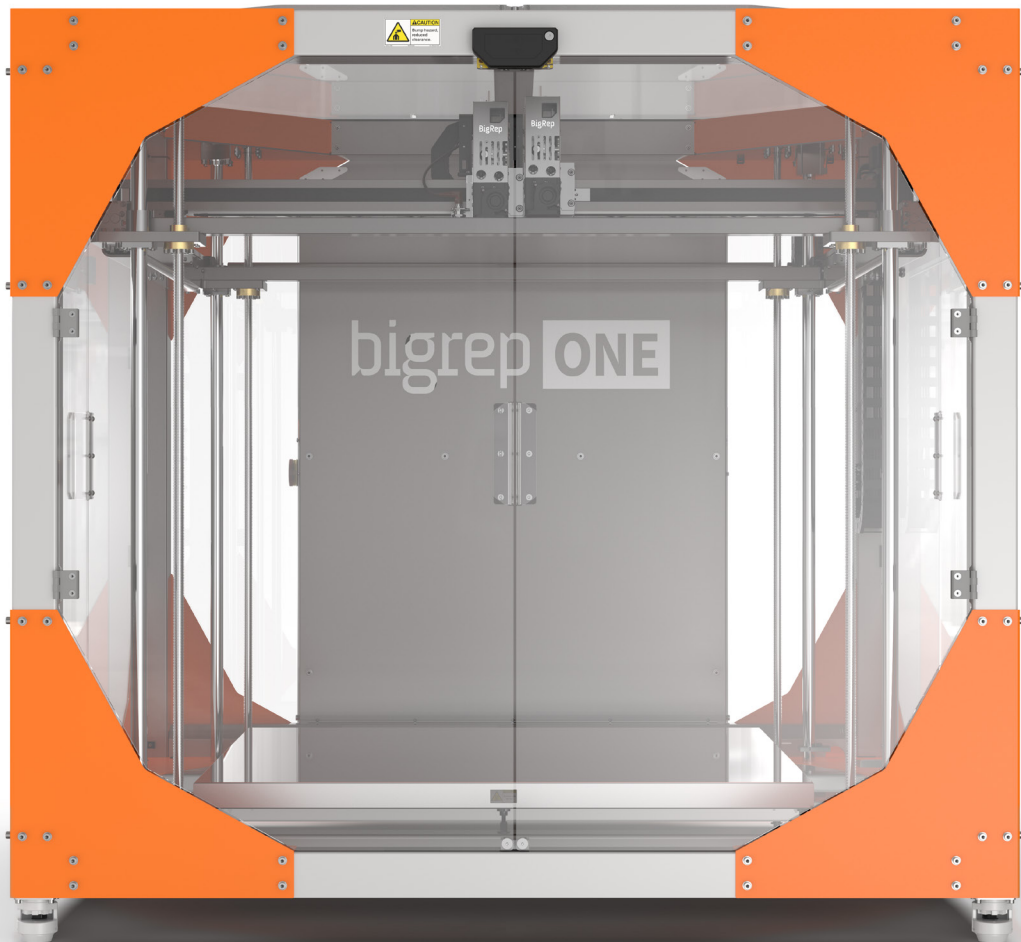


bigrep **ONE**



LARGE-SCALE **INNOVATION.** LIMITLESS **CREATIVITY.**

The BigRep ONE is an award-winning, large-format 3D printer at an accessible price point. With over 750 systems installed worldwide, it's a trusted tool of designers, innovators, and manufacturers alike. Featuring a massive 1 m³ build volume, the fast and reliable ONE brings your designs to life in full scale. Perfect for prototyping, production, and a wide range of applications, the ONE comes equipped with two BigRep fiber-ready Power Extruders (PEX) that feature interchangeable hotends with 0.6, 1.0 and 2.0 mm nozzles for maximum detail or high-flow additive manufacturing.

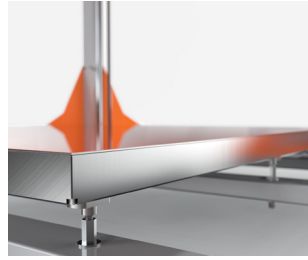
BIGREP ONE KEY FEATURES



Large-Scale 3D Printing

The Massive Build Volume

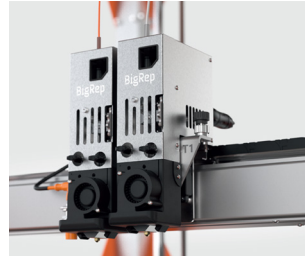
With a one-cubic-meter build volume, the award-winning BigRep ONE is designed to produce massive 3D prints for demanding and geometrically complex applications. Go beyond the limited capabilities of smaller systems and use the ONE to print your parts in full scale.



Consistent & Efficient

The Semi-Automatic Print Bed

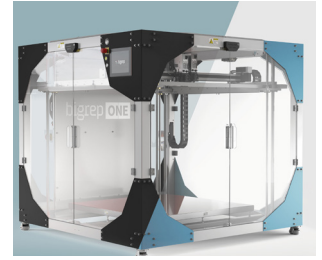
The heated print bed is coated with a polyimide foil that provides optimal adhesion throughout the printing process. Thanks to an integrated inductive sensor, the ONE uses semi-automatic bed leveling to streamline build platform calibration and ensure peak performance and consistent prints.



Modular & Independent

The Fiber-Ready Power Extruder

BigRep's fiber-ready Power Extruder is available for single or dual extrusion on the BigRep ONE. It consistently produces high-quality, full-scale parts in a range of BigRep filaments such as bio-polymers, water soluble support, and fiber-reinforced, as well as third party



Modules & Add-Ons

Configure your solution.

Configure your custom ONE and choose from single, dual, or twin extruder modes plus add-ons like a Keep-Dry Box and even the printer's color to create the perfect machine just for you. As your 3D printing needs evolve, simply upgrade your ONE with additional features to grow along with you.

TECHNICAL SPECIFICATIONS

Version	BigRep ONE.4
Build Volume	x 1005 y 1005 z 1005 mm (x 39.5 y 39.5 z 39.5 in)
BigRep Materials	HI-TEMP, HI-TEMP CF, PETG, PLA, PLX, PRO HT, TPU 98A, BVOH
Compatible Materials	Open Material System
Extruder	Fiber-Ready Power Extruder (PEX) Interchangeable hotend with 0.6mm, 1 mm and 2 mm nozzles.
Nozzle Diameter	0.6mm, 1.0mm, 2.0mm
Layer Thickness	0.3 mm, 0.6 mm, 1.0 mm Other layer heights supported through slicer software.
Extruder Temperature	250°C max (482°F)
Print Bed Temperature	80°C max (176°F)
Print Surface	Polyimide

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