

# bigrep **STUDIO**



## **FAST AND PRECISE** **LARGE-SCALE 3D PRINTING IN ONE COMPACT PACKAGE**

With the BigRep STUDIO, we introduce a workhorse printer that brings a new dimension to large-scale 3D printing. The industrial-grade quality machine has a print volume of 500 mm x 1000 mm x 500 mm that enables continuous printing of large objects in a space-saving package. Fitting easily through doors, the size of the STUDIO is optimal for setting up the printer in all workspaces.



The dual extruder equipped with two 0.6 mm hot ends has been specially designed for speed and precision. The direct-drive all-metal hot end allows for printing of a larger variety of high-performance filaments.



**Accelerated & Precise Printing**  
The Print Head

The direct drive extruder with two 0.6 mm hot ends enables printing using industrial materials at maximum speed and precision. Its innovative print head was specially designed to achieve a high level of detail for large-scale print projects, allowing for a layer height of as little as 0.1 mm.



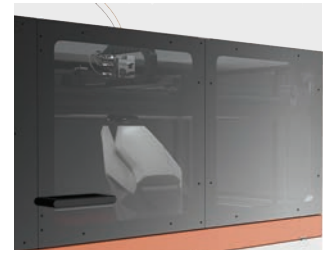
**Comfortable to Use**  
Slim Build, Ergonomic Design

Raised for maximum user comfort, the BigRep STUDIO stands at an ideal height for everyday use. Keeping everything compact and accessible, two filament spools can be held below the printer, alongside additional storage space.



**Easy and Intuitive**  
The Graphical User Interface

The new intuitive user interface on touch panel PC enables many new features, such as remote load, check print progress via webcam, change print parameters, resume print after power failure, and many more.



**Enclosed Environment**  
The Slide Walls

The STUDIO's side-wall housing for increased safety, including auto-pause of print jobs upon opening. The semi-transparent doors enable users to visually monitor the printing process and slide back to provide easy access to the print bed.

## TECHNICAL SPECIFICATIONS

Build volume	<b>x 1000 y 500 z 500 (mm)</b>
Layer height resolution	<b>100 – 500 microns</b>
Acceleration	<b>Up to 600 mm/s<sup>2</sup></b>
Extruder	<b>Dual extruder</b> Equipped with two 0.6 mm hot ends
Printing technology	<b>FFF – Fused-Filament-Fabrication (FDM)</b>
Certified BigRep materials	<b>PLA, PETG, Pro HT, Pro HS, Pro FLEX</b> Other filaments upon request
Print bed temperature	<b>Max. 75 °C</b>
Printer weight	<b>Approx. 350 kg</b>
Size	<b>x 1693 y 1056 z 1506 (mm)</b>
Power	<b>208 V – 240 V, 16 A, 50/60 Hz</b>
Safety certifications	<b>CE approved</b>

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