

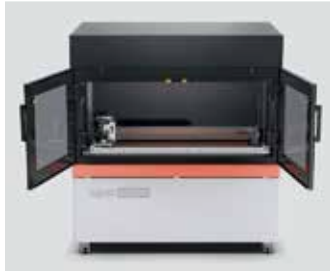
bigrep **STUDIO**



GRADUATE FROM DESKTOP.
GET INDUSTRIAL.

The BigRep STUDIO is specially designed to print large-format parts with engineering-grade materials. Consistently delivering high-quality results, the STUDIO is large enough to produce full-scale parts, while being an ideal size to fit within any working and production environment.

BIGREP STUDIO KEY FEATURES



Compact Enough For Any Space

Massive Build Volume
& Low Noise Emission

The STUDIO has a generous build volume of 1000 x 500 x 500 mm, engineered in an office-ready machine. Its compact design, low noise emission, and filtration system make the BigRep STUDIO perfectly suited for both production and office spaces.



Fully Enclosed Environment

The Insulated Build Envelope

The fully enclosed, temperature-controlled build envelope is the perfect environment for materials with sensitive environmental requirements. It provides users with safe and easy access to the print bed and the ability to visually monitor the printing process in a contained space.



Studio Dual Extruder (SDX)

The Best-In-Class Print Heads

The Studio Dual Extruder is a high-flow, dual extruder housed within a single body. It is equipped with two 0.6 mm nozzles optimal for printing geometrically complex parts with ASA, ABS, water-soluble support, and abrasive materials like carbon-fiber reinforced plastic quickly and reliably.



Modular Temperature Controls

The Heated Filament Chamber.

The heated filament chamber ensures that engineering-grade materials remain dry in a consistently controlled environment for best-in-class quality. Going beyond industry standards the filament chamber, print bed and build envelope each feature independent temperature controls.

TECHNICAL SPECIFICATIONS

Version	STUDIO.2
Build Volume	x 1000 y 500 z 500 mm (x 39.5 y 19.5 z 19.5 in)
Compatible BigRep Materials*	ASA, ABS, HI-TEMP, HI-TEMP CF, PA6/66, PET-CF, PETG, PLA, PLX, PRO HT, TPU and more
Support materials*	BVOH
Layer heights resolution	0.1 – 0.4 mm
Max. Print Speed	100 mm/s
Extruders	STUDIO Dual Extruder (SDX) Equipped with 0.6 mm nozzles.
Printing Technology	Fused-Filament-Fabrication (FFF / FDM)
Print Bed Temperature	Max. 100 °C (212 °F)
Printer Weight	Approx. 1 201 lbs (550 kg)
Size	x 1715 y 1170 z 1765 mm (x 67.5 y 46 z 69.5 in)
Optional Fume Extraction Airflow	150 m³/h min
Nozzle Diameters	0.6 mm
Nozzle Temperature	Max. 280 °C (536 °F)
Power	208 V – 240 V, 16 A, 50 / 60 Hz
Safety certifications	CE approved, EC Machinery Directive 2006/42/EC Compliant

* Other filaments upon request