



**THE LARGE-SCALE FFF 3D-PRINTER FOR  
PROFESSIONAL AND INDUSTRIAL USE.**

**TECHNICAL SPECIFICATION  
BigRep STUDIO**

Build volume	<b>x 500 y 1000 z 500 (mm)</b>
Print speed	<b>Up to 140 mm/s at 0.1 mm layer height</b>
Acceleration	<b>Up to 600 mm/s<sup>2</sup></b>
Layer resolution	<b>100-400 microns</b>
Extruder	<b>Dual extruder</b> (each equipped with 0.6mm nozzle)
Printing technology	<b>FFF – Fused-Filament-Fabrication (FDM)</b>
Certified materials	<b>BigRep PLA, BigRep Pro HT, BigRep PETG</b> flexible materials to be released soon
Print bed temperature	<b>70° C</b>
Printer weight	<b>Approx. 350 kg</b>
Size	<b>x1693 y1056 z1506(mm)</b>
Power	<b>208V - 240V, 16A, 50/60Hz</b>
Safety Certifications	<b>CE approved</b>
GUI	<b>Onboard with multi touch panel</b>
File transfer	<b>USB &amp; remotely</b>

BigRep GmbH  
Gneisenastraße 66  
10961 Berlin – Germany

BigRep GmbH Management Board: René Gurka (CEO), Stephan Beyer (CFO) Court of  
Registration: Amtsgericht Charlottenburg HRB 155360B Registered Office: Berlin