

BigRep

TECH



ADDITIVE FABRICATION AT **LARGE SCALE**
FOR **INDUSTRIAL MANUFACTURING**

Based on FDM 3D printing technology, the BigRep Tech is specifically designed for industrial manufacturing. Processing engineering grade materials like high-impact polycarbonate in small and mid-scale batches has never been as straightforward and economic.

Shipping Q1, 2017. Order now!

bigrep.com



In cooperation with Kühling&Kühling BigRep presents its new masterpiece for industrial manufacturing. The BigRep Tech is fully loaded with state of the art technology for engineering-grade 3D prints.



VERY HIGH PRECISION

THE DELTA SYSTEM

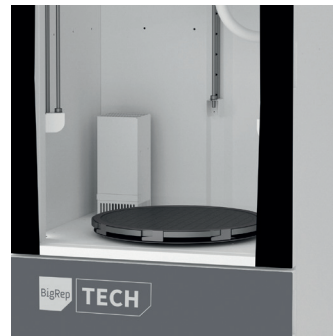
The precise delta-printing-system builds up to 100g/h. It is equipped with ActuProbe, a 100% self-calibration technology to start production fast and save. ClogSense provides live analysis of the print-head performance.



PRINT HIGH-TECH MATERIALS

THE HEATED CHAMBER

The BigRep Tech has a build volume of ø400 x 600 mm. The fully closed chamber generates a precisely heated and controlled build environment to secure optimal print quality.



OPTIMAL MATERIAL ADHESION

THE VACUUM TABLE

The VacuFlat simple-exchange build surface fixation technology provides a perfect and easy surface setup for different materials.



SIMPLE SETUP AND EASY TO USE

THE DESIGN

The large integrated 10" graphical touchscreen user-interface allows easy control of the printing process and provides advanced on-board system diagnostics and process monitoring. Due to its design and size, the BigRep Tech is easy to setup in almost every environment.

TECH SPECS AT A GLANCE

Build volume (mm)	ø400 z600
Print-head/Extruder	High-performance print head for engineering-grade materials
Build chamber	Precisely heated and controlled build environment
Build surface	Vacu-Flat simple exchange and fixation technology
Printing technology	FDM
Materials	Extensively tested with PC filaments. More materials to be released soon.
Dimensions (mm)	x800 y740 z2200
Weight	Approx. 250kg

All information and technical data subject to change until final release.