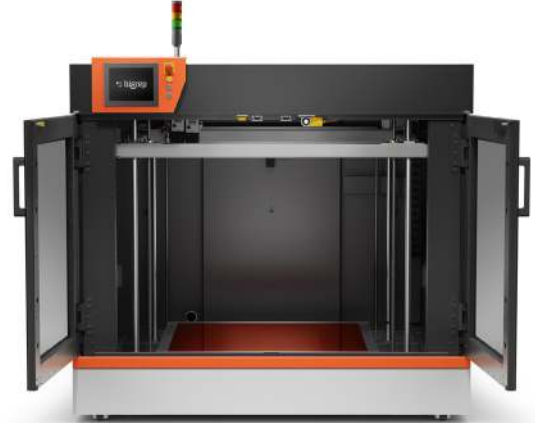


# bigrep PRO

## 1 M<sup>3</sup> ADDITIVE MANUFACTURING SYSTEM

The BigRep PRO takes you from prototyping to production so you can **iterate fast, produce faster, and go to market fastest**. The PRO's large build volume enables large, full-scale prints or smaller batch printing, providing you with an agile manufacturing solution to produce functional prototypes, factory tooling, patterns and molds, and end-use parts faster and cheaper.



### PRINTER PROPERTIES

Build Volume	up to x 1020 y 970 z 985 mm (x 40 y 38 z 39 inches)
Nozzle Diameter	0.6 mm, 1.0 mm
Layer Height	0.3 mm, 0.6 mm (further layer heights configurable from 0.1 mm to 0.6 mm)
Achievable Part Accuracy	±0.2 mm (for L ≤ 100 mm) L x ±0.002 mm/mm (for L > 100 mm)
Maximum output of the Extruder with 1 mm nozzle	130 g/h
Systeme size	x 1950 y 2500 z 2105 mm (with tower light)
Systeme Weight	1550 kg
Material Storage	2x closed, permanently dry filament chambers, each accommodating up to 8 kg spools
Slicing Software	BigRep BLADE
Operating System	Windows based
Netzwerk Connectivity	USB, LAN
Power	EU 3 Phase 400V AC, N, PE Power consumption 6100W
Certification	CE, EC Machinery Directive 2006/42/EC compliant

### MATERIALS

(certified BigRep and compatible with third-party supplier filaments)

Bio-Plastics	PRO-HT, PETG
Engineering-Grade	ASA, PA6/66
Fiber-Reinforced	HI-TEMP CF
Support Material	BVOH (water soluble)

