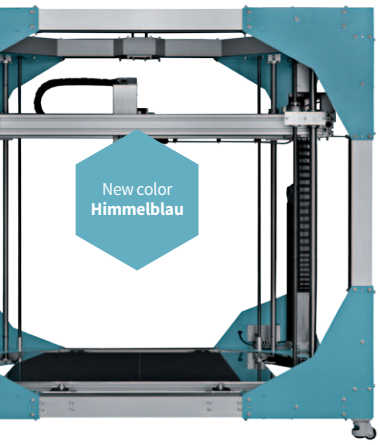
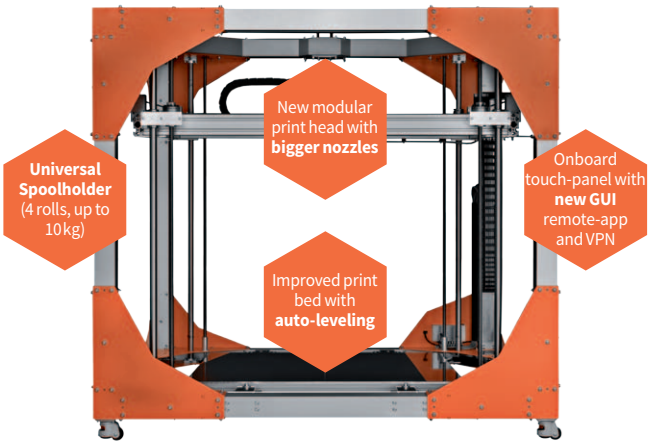
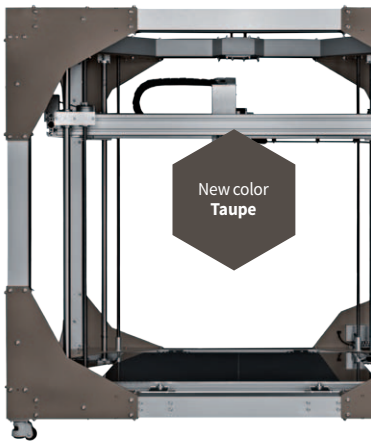
THE NEW ONE

A **REFINED**
3D **PRINTING EXPERIENCE**







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

Printing large objects in 3D demands a reliable and sturdy machine design to guarantee high precision and high-speed printing. The new BigRep ONE is constructed with an uncompromising full aluminum frame, incorporating professional CNC components to provide strength and robustness for thousands of successful printing hours.

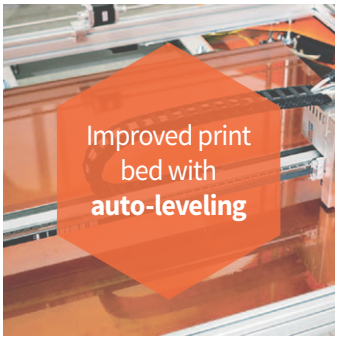
Order now!
bigrep.com

BigRep ONE
BIG IDEAS. **BIG PRINTS.**

BigRep ONE

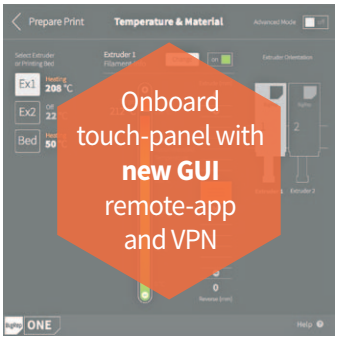
The NEW ONE redefines the standards for easy and professional 3D printing with these new features:

Extruder
The new modular extruder can now print support material and multiple colors. It is also equipped with filament detection which automatically pauses the print before the printer runs out of material.



Print Bed
To maintain the highest of print qualities, the improved heated print bed now comes with auto-leveling which significantly reduces set-up time.

Universal spoolholder
The universal spoolholder which fits every spoolsize can hold up to 10 kg in each compartment, with space for up to 4 rolls in a closed cabinet to protect the filament from dust.



User-interface
The BigRep ONE is equipped with an integral controller to have a more user-friendly interface.

TECHNICAL SPECIFICATIONS

Build volume (mm)	**x 1100 y 1050 z 1000**
Layer resolution	**100 – 1000 micron**
Positioning accuracy	**100 micron**
Extruder	**Dual nozzle**
Resolution of bed-leveling	**< 100 micron**
Fabrication methods	**FFF (FDM*)**
Printable materials	**PLA, PLA colored, PLA effects** (e.g. woodfill, bronzefill, ceramicfill, biofill, carbonfill)
Support Materials	**PVA, HIPS**
Heating strategy	**Heated printing bed**
Weight printer	**approx. 500 kg**
Footprint (mm)	**x 1800 y 1850 z 2000**
Power	**200V – 240V, 16A, 50/60Hz**
Safety Certifications	**confirms to CE/UL**
GUI	**Onboard** **Remote-App** for Linux, Mac OS X, Windows, iOS, Android

*registered trademark (Stratasys)

bigrep.com • BigRep GmbH • Gneisenaustraße 66 • 10961 Berlin • Germany • Phone +49 30 20 84 82 60 • sales@bigrep.com