



AFFORDABLE LARGE-SCALE ADDITIVE MANUFACTURING



FOR YOUR PERFORMANCE

PRODUCTS & SOLUTIONS

As well as expertly engineering and manufacturing large-scale 3D printers, BigRep offers comprehensive, ongoing 360° service. We help our customers to discover which additive manufacturing solutions best meet their specific business challenges, to give them the right competitive edge. We ship and set up your printer, and provide in-depth guidance and training in using the printer to its full potential.



EXPLORE OUR INDUSTRIAL USE CASES

PRINTERS

The BigRep ONE has a build volume of one cubic meter, and the STUDIO packs large-scale printing into a compact frame - both are ideal large-scale 3D printers for professional and industrial use.

FILAMENTS

Created under carefully-controlled conditions, BigRep filaments are ideal for large-scale and room temperature 3D printing.

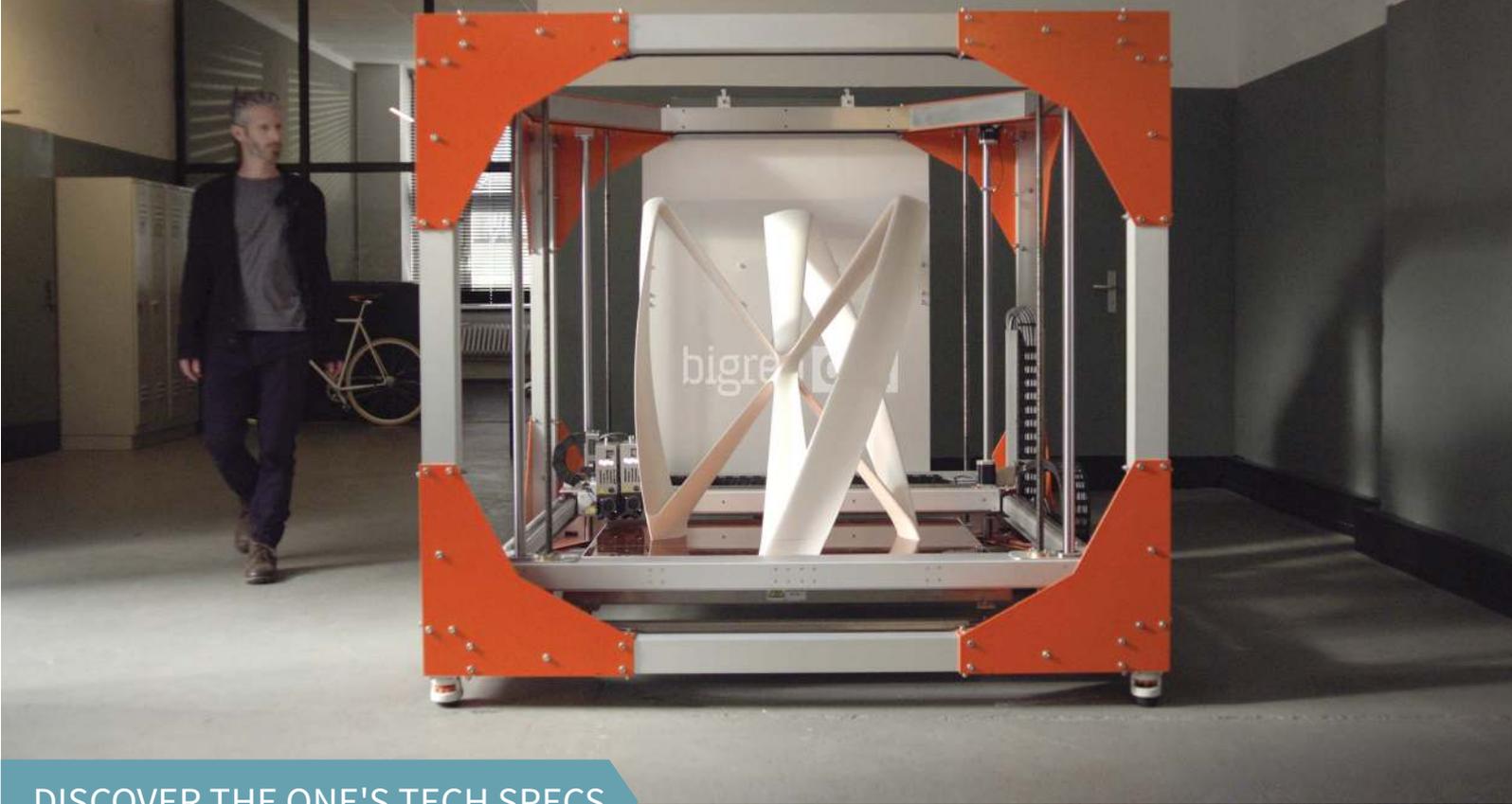
NOWLAB

NOWLAB, the interdisciplinary design studio within BigRep, innovates with materials and applied research to develop cross-sector customized applications.

SERVICE

BigRep provides comprehensive pre-purchase consultation and ongoing technical support, wherever in the world its customers are 3D printing.

bigrep ONE



DISCOVER THE ONE'S TECH SPECS

THINK BIG INDUSTRIAL LARGE-SCALE PRINTING

The BigRep ONE was created to make 3D printing for large-scale objects as fast and easy as possible, with a print volume of 1 m³. An open format, modular print heads and intuitive user interface makes it the ideal 3D printer for large-scale serial printing. German-engineered and manufactured by Olpe Jena, the ONE is built to be a workhorse 3D printer that innovators can rely on.



Engineering students at Denmark's Aalborg University printed a functional bicycle frame on the BigRep ONE.



Teignbridge is using the ONE to produce positive patterns for casting custom propellers.



Villeroy & Boch saves time and resources by 3D printing prototypes on the BigRep ONE.

bigrep STUDIO



DISCOVER THE ONE'S TECH SPECS

BUILD PRECISE

LARGE SCALE WITH SPEED & PRECISION

The print volume of 1000 mm x 500 mm x 500 mm provides space for large objects, while enabling high precision and faster printing. The size of the BigRep STUDIO is optimal for setting up the printer in almost every location. Built by renowned manufacturer Heidelberger Druckmaschinen in Germany, the STUDIO is a trusted partner for companies to revolutionize the way they do business, using large-format 3D printing.



Large-scale 3D printing enabled the complex geometry of this BigRep wheel rim design.

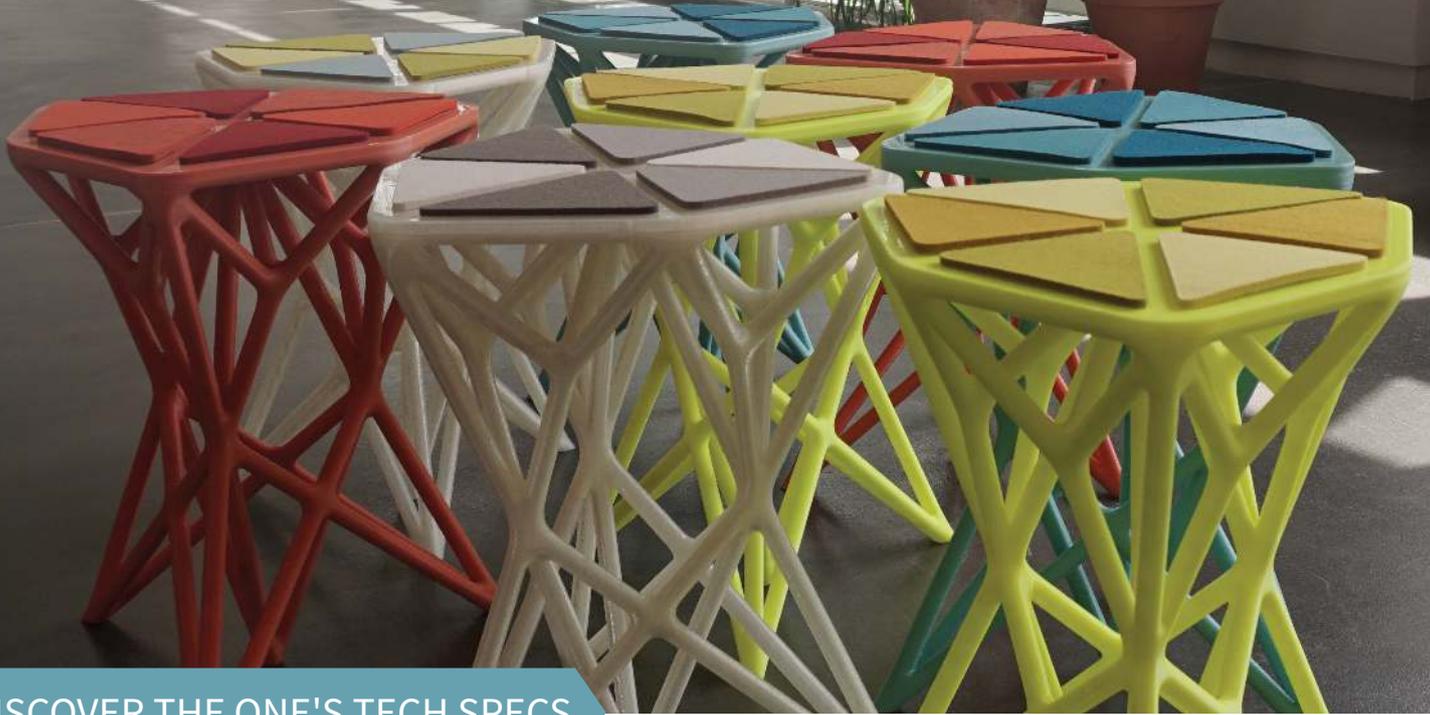


Steelcase is prototyping new furniture 1:1 using BigRep's large-scale 3D printing technology.



BigRep 3D printed a polymer exhaust manifold in high-level detail.

bigrep FILAMENT



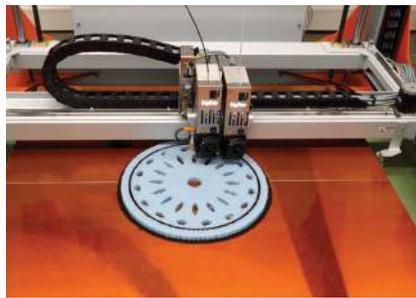
DISCOVER THE ONE'S TECH SPECS

QUALITY MEETS CREATIVITY POLYMERS FOR 3D PRINTING

BigRep's high-performance PLA, PETG, Pro HT and TPU filaments are meticulously engineered for a broad range of industrial applications across automotive, aerospace, med-tech, education and other sectors. Now partnering with BASF, the world's leading chemical company, BigRep delivers the most advanced 3D printing materials for a wide range of custom use cases.



The world's first full-scale, 3D-printed, airless bicycle tire is made of BigRep's TPU-based filament Pro FLEX.



A custom wheel rim designed by BigRep was printed in Pro HT with soluble support from PVA.



A bionic propeller printed to scale with BigRep Pro HT made for a strong prototype with a sleek, matte finish.

bigrep

NOWLAB



INNOVATION CONSULTING ADDITIVE MANUFACTURING SOLUTIONS

From experiments to complete furniture, from individual parts to objects composed of multiple materials, from the initial idea to the final product – anything is possible. BigRep’s Innovation Department NOWLAB tailors 3D printing solutions for major global brands such as Airbus, Audi, BMW, Deutsche Bahn and Etihad, to revolutionize their businesses and help them stay competitive.



Etihad and NOWLAB are partnering on new approaches to additive manufacturing technology.



NOWLAB helped construction company Geiger to reduce costs and time in creating large concrete casting molds.



The BigRep ONE printed a modular wall, comprised of sensor-embedded components.



FULL-SERVICE APPROACH

360° SUPPORT WORLDWIDE

The BigRep ONE and STUDIO are workhorse machines that have been specially engineered as large-format 3D printers that deliver high-quality results around the clock.

UNMATCHED SERVICE

BigRep is committed to providing its global customer base with 360° service, supporting them from installation onwards. The BigRep Academy trains and assists customers to discover potential applications on their 3D printer.

GLOBAL SUPPORT NETWORK

With its broad network of staff, technicians and partners located across every continent, BigRep ensures there is always the support close by – BigRep's top-level service is as dependable as its hard-working 3D printers.

QUALITY COMMITMENT

BigRep is dedicated to service quality – from partnering with the best manufacturers to assemble the machines (Olpe Jena and Heidelberger Druckmaschinen), to using the highest quality materials, and optimizing its world-renowned 3D printing technology.

BIGREP'S GLOBAL NETWORK

Operating around the world, BigRep provides top-quality technical and training services to help customers get the most from their BigRep large-scale 3D printing technology. From its headquarters in Berlin, Germany, to its offices in the USA and Singapore, BigRep's fast-growing, international team of experts is consistently innovating and finessing the now world-renowned industrial printers.

BigRep's mission is to provide the highest quality large-scale 3D printing solutions at an affordable price point, empowering companies across industries and around the globe to innovate. With major global investors such as Klöckner & Co, BASF and Körber Group on board with its vision, BigRep is led by industry experts setting global standards for quality in machinery, software, materials and service.



SELECTED CUSTOMERS, INVESTORS & PARTNERS



REDEFINING **ADDITIVE**

bigrep.com



EUROPE
Gneisenaustraße 66
10961 Berlin
Germany
Phone +49 30 20 84 82 60

NORTH AMERICA
400 West Cummings Park
Suite 1675
Woburn, MA 01801, USA
Phone +1 781 281 0569

APAC
120 Lower Delta Road
#04-04/05 Cendex Centre
Singapore 169208
Phone +65 6909 8191