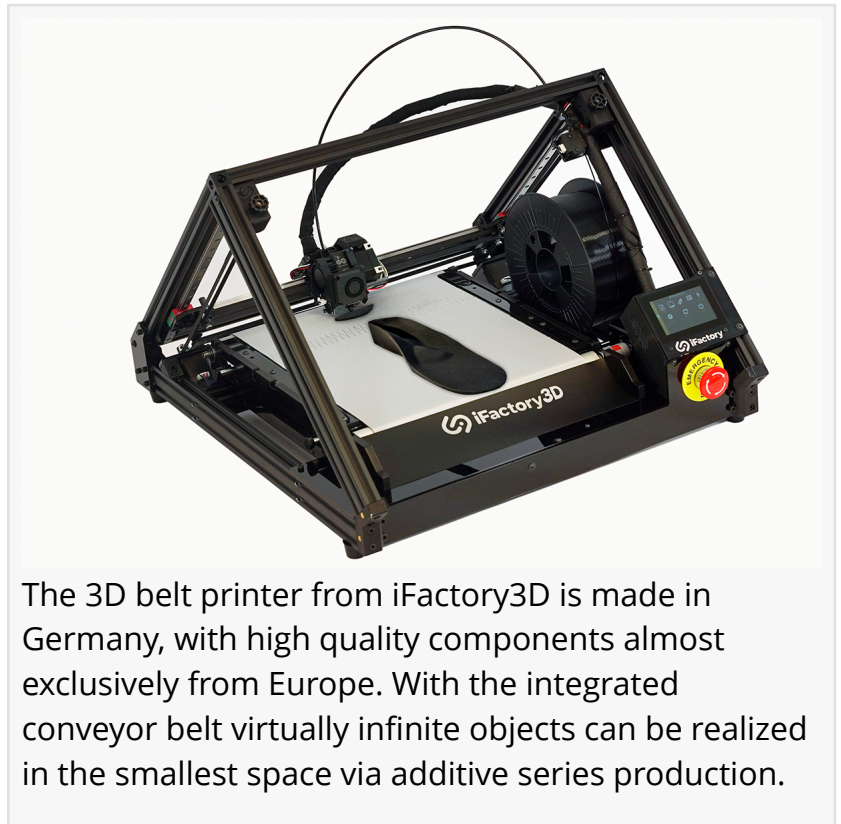


iFactory3D Launches its Disruptive 3D Belt Printer Technology that will Automate Additive Manufacturing World-Wide

3D belt printing breaks the length limitations of additive manufacturing. This new AM technology makes serial production flexible, independent & sustainable

DÜSSELDORF, GERMANY, September 7, 2022 /EINPresswire.com/ -- [iFactory3D](https://www.ifactory3d.com), a German 3D printing company founded by Artur Steffen and Martin Huber in 2020, announces the launch of its innovative belt printer technology shaping the future of manufacturing. Historically the manufacturing process has been expensive, tedious, and prone to waste. While additive manufacturing combats most of these issues, it has size and batch automation constraints - which is why it hasn't been implemented in larger-scale manufacturing yet. iFactory3D is bridging these procedural gaps for the production teams of businesses in Europe and America with their new product, the [One Pro](#), the most advanced 3D belt printer in the world.



The 3D belt printer from iFactory3D is made in Germany, with high quality components almost exclusively from Europe. With the integrated conveyor belt virtually infinite objects can be realized in the smallest space via additive series production.

The One Pro results from a decade of experience in 3D printing and 4 years of tweaking its initial 3D belt printer prototype. They designed it with great attention to detail using input from clients, the community, and industry experts, using the finest industry standard components from mostly European manufacturers. This makes it a world-class 3D printer made in Germany.

This novel belt printer technology was developed with the conveyor belt as the build plate to solve the prevailing printing issues. It can print long objects with its infinite length threshold. It enables simultaneous mass production in a process that involves minimal human-machine interaction and automated leveling. Also, it can print various geometries with its 45-degree angle

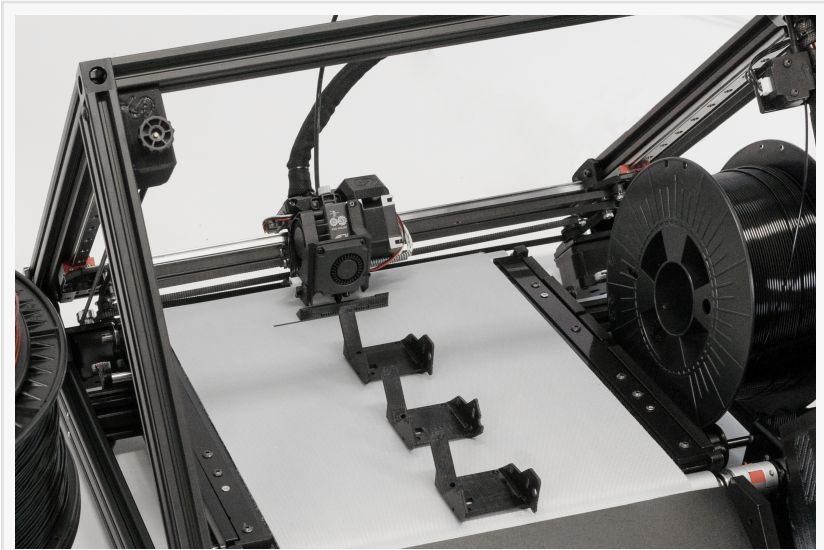
- hollow shapes can also be printed. Commenting on this, Artur Steffen co-founder and CEO of iFactory3D said, "We have a client who placed a large spool of filament material into the printer and went on a one-week holiday. When he came back, the basket was full of the items he had printed. We also have clients who want to print their entire product line or mass produce for months. This can be achieved with our proprietary belt printer."

Besides its mechanical capacity, it helps curb the manufacturing industry's environmental impact, which has been a widespread concern.

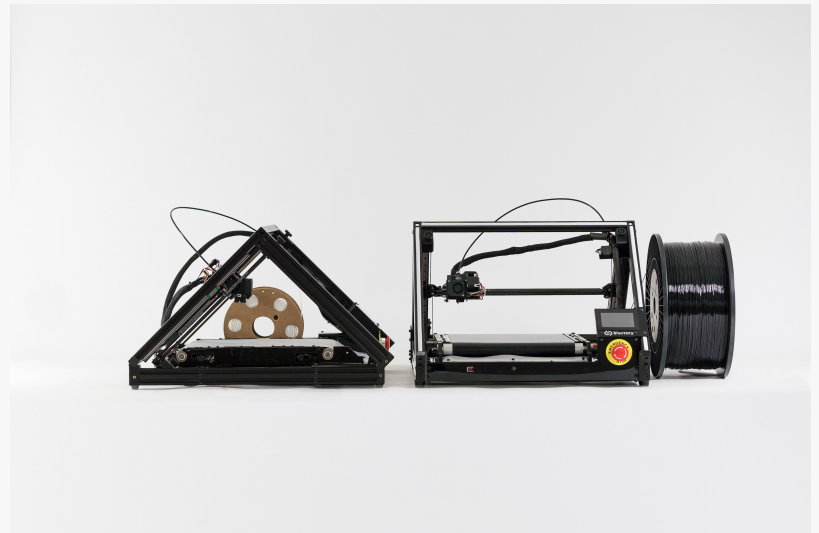
With this technology, businesses can drastically reduce waste by producing only the necessary items. Furthermore, they can save up to 40% of their production budget as they no longer have to pay for injection molding and the salaries of people who usually perform the mundane task of manually loading the printer each time.

Currently, they are the only B2B company developing 3D belt printers worldwide. They aim to expand their international market reach and achieve greater heights with future iteration plans, enabling customers to manage the printing process remotely with remote control.

Reflecting on their novel technology, Martin Huber, co-founder and CTO of iFactory3D said, "I remembered in 2018, I needed a larger quantity of long components for a specific project, but I was unable to do so with the limited space provided in regular 3D printers, and it wasn't cost-effective to place an injection molding order for just a couple of hundred parts for development. I had to create an enhanced printer to perform the task. We made the 3D belt printer available



With the 3D belt technology, you produce your parts especially long or in series. The conveyor belt as print bed minimizes the required interaction between man and machine. The printing queue function also allows sequences of individual objects.



The 3D belt printer from iFactory3D impresses with its simple yet genius technology: Using a belt as a printing plate, an endless amount or endless length of printed objects can be produced. It thus closes the gap between 3D printing and mass production.

to the public because we wanted to provide countless businesses worldwide the opportunity to manufacture their products affordably."

iFactory3D is automating additive manufacturing via their proprietary technology - 3D belt printing. Launched in 2020 by Artur Steffen and Martin Huber, the founders and team are working on an industrial revolution to bring additive manufacturing to mass produce items in a profitable, sustainable way, creating less waste, eliminating unnecessary transportation, and bringing production back from Asia to the countries such as the United States, Germany, and other developed countries.

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