

**Press Kit** ↵



**BCN3D**

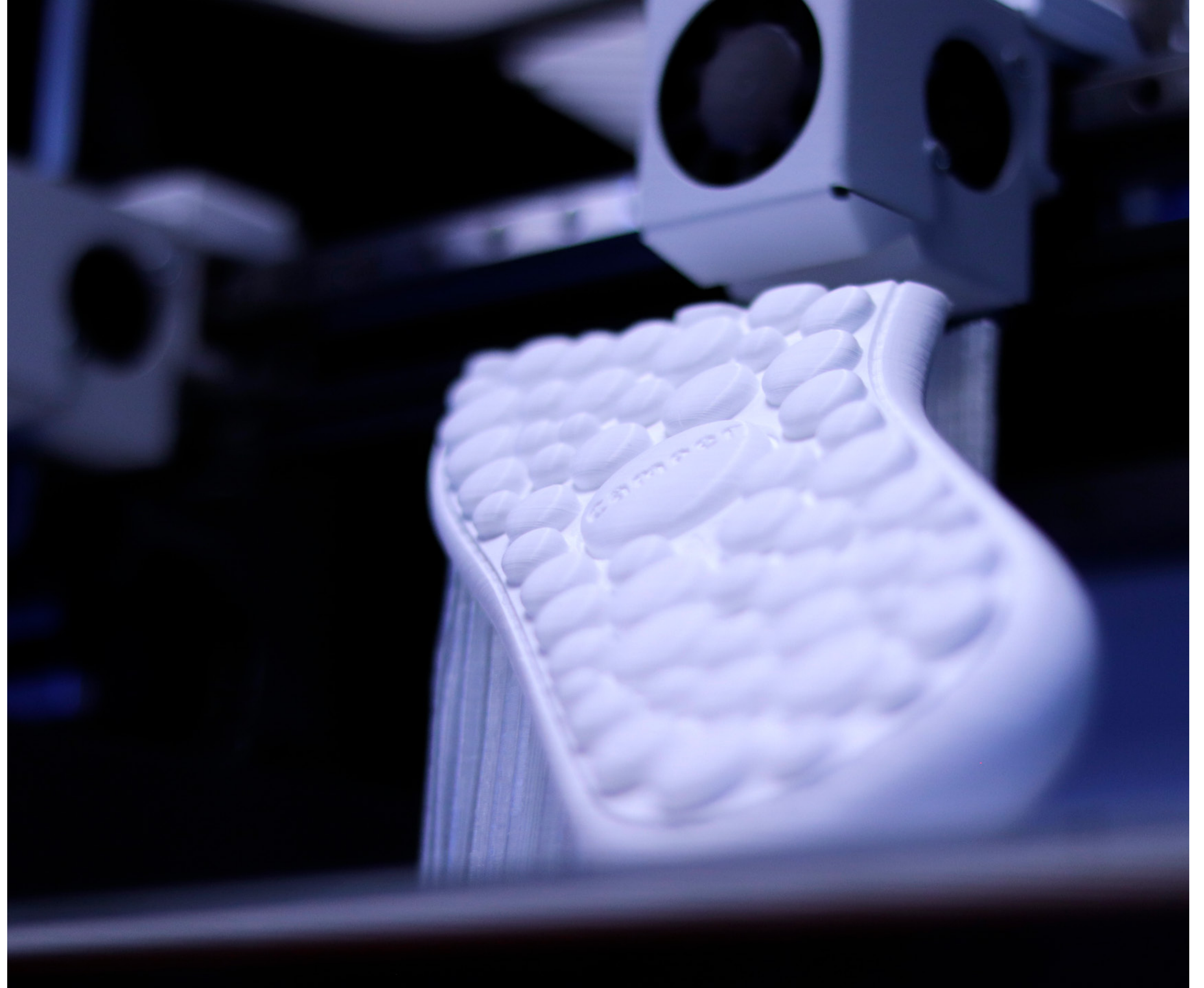


# Materializing ideas

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**We are one of the leading manufacturers of 3D printing solutions worldwide. Based in Barcelona, we firmly believe in delivering the best quality tools to both professionals and industry level users. Above all, our goal is to enable creators and innovators materialize their ideas providing a platform for creation.**

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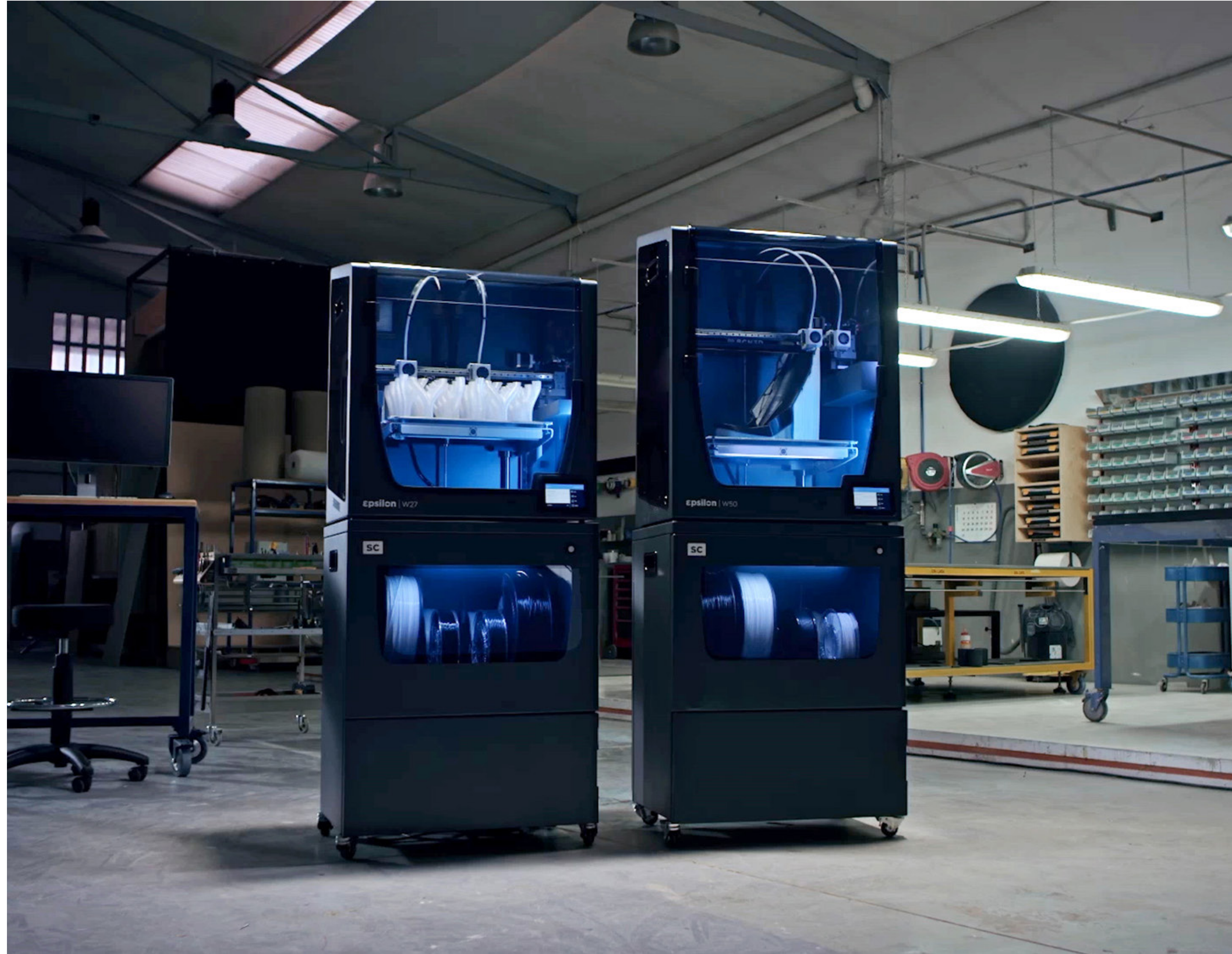
**Our history** ﹀



## From RepRap to workbench 3D printing with BCN3D

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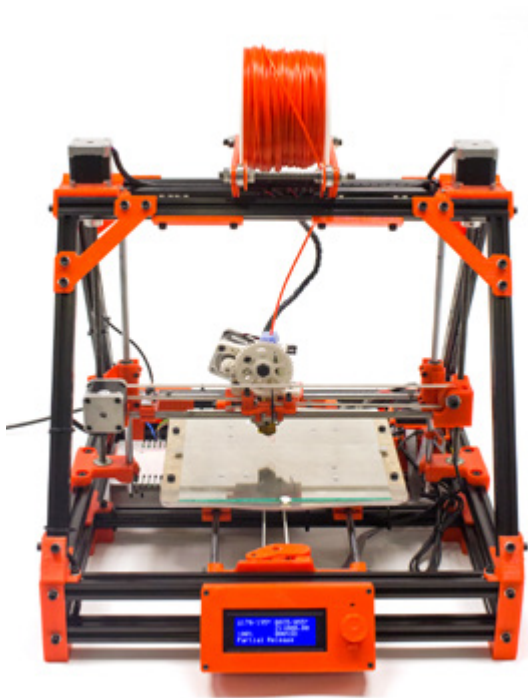
BCN3D. Four letters and a number that reflect the history of a young company that is in continuous growth. BCN3D is based in Gavà (Barcelona) and from its headquarters in Spain is dedicated to the design, manufacture, distribution and constant innovation of 3D desktop printers, exporting to over 60 countries worldwide. BCN3D was born at the beginning of the 2010 decade with the aim of helping to boost the ideas of all those professionals who seek in 3D printing technology a way to boost their creativity by drastically reducing the time and costs to obtain a part or create a prototype.



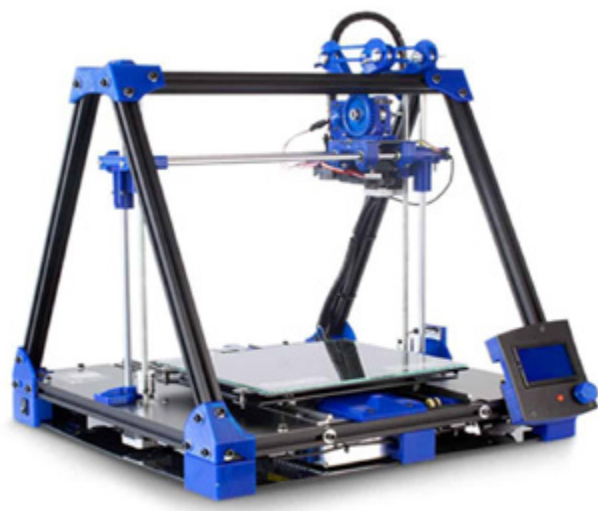


# BCN3D History

RepRapBCN



BCN3D



BCN3D +



BCN3D R

1990

2011

2012

2013

2014

We began as a division of the CIM-UPC, a non-profit organization for the advancement of technology and a leader in additive manufacturing. Through the Open Source RepRap project under the name RepRapBCN, we specialised in FFF (Fused Filament Fabrication) technology and investigated and released RepRap printers from 2012-2014 to get us started in the 3D printing industry.



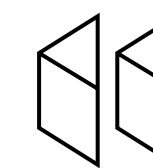




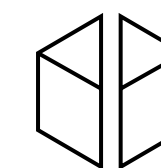
Sigma



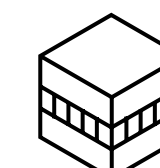
Sigmax



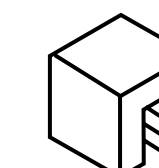
Duplication  
Mode



Mirror  
Mode



Multimaterial  
Mode



Soluble Supports  
Mode

2015

We changed our name from RepRapBCN to BCN3D Technologies, for which we are known today. This coincided with the launch of the BCN3D Sigma, the first commercial printer with Independent Dual Extrusion technology (IDEX) that doubles your productivity with duplication and mirror modes and offers neat multi-colour and multi-material parts.

2017

In September 2017, we released the Sigmax: the most versatile desktop 3D printer on the market. The Sigmax was designed for all kinds of applications, from education and research, to functional prototypes.

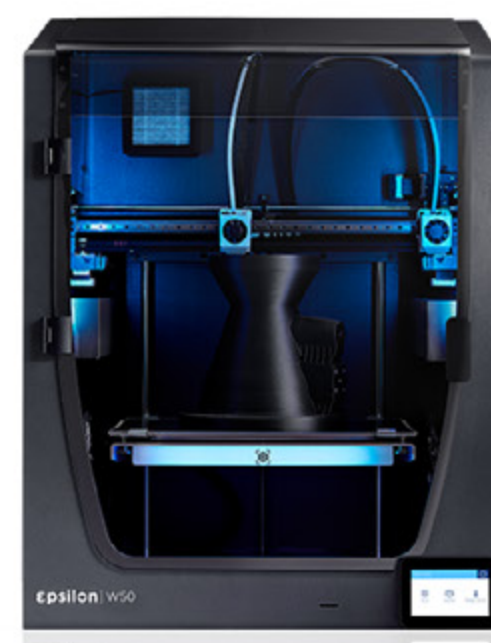




Epsilon W50 **SC**



Epsilon W27 **SC**



Epsilon W50



Epsilon W27



Sigma D25

2019

We spun off from technological centre CIM-UPC to become a standalone company specialising in designing, manufacturing and distributing 3D printers.

We released the first version of our BCN3D Epsilon printer, designed for large-scale parts with industrial-grade materials for a powerful, professional 3D printing solution.



**BASF**  
We create chemistry

**mcpp**  
A Group Company of  
MITSUBISHI CHEMICAL

2020

In September 2020, we launched the BCN3D Epsilon and Sigma series, featuring brand new state-of-the-art 3D printers together with the Smart Cabinet for optimum filament storage.

**Workbench series**

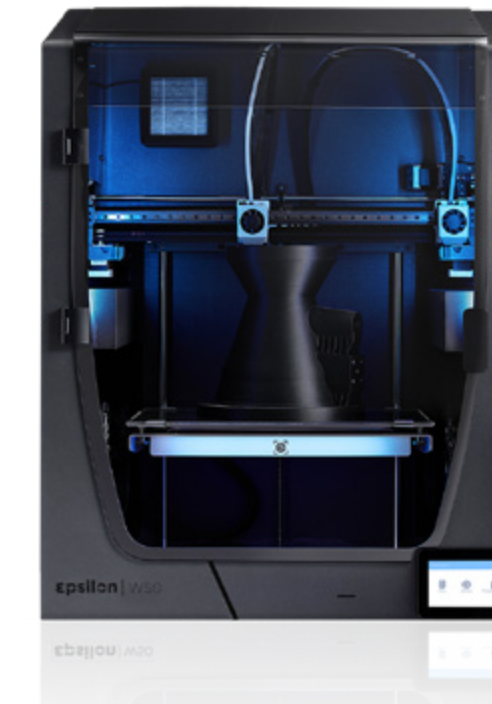
**epsilon** | W50 **SC**

**epsilon** | W27 **SC**

**Desktop series**

**sigma** | D25





2021

In our commitment to providing the best ecosystem across both hardware and software, we acquired AstroPrint: a 3D printing software company known for its sophisticated cloud solutions. Next to that, we also released BCN3D Stratos, a new updated version of our slicer and the brand new BCN3D Cloud.



2022

We announced Viscous Lithography Manufacturing (VLM)™: a never-before-seen resin-based 3D printing technology that unlocks manufacturing autonomy. Our VLM Technology Adoption Program allows companies across all industries to test the breakthrough technology out for themselves.

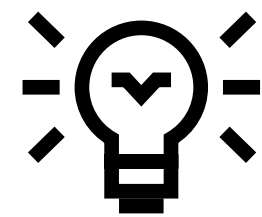
2023

We introduced the new generation of the BCN3D Epsilon Series, featuring new aesthetics, upgraded electronics, XYZ autocalibration, and local network access.

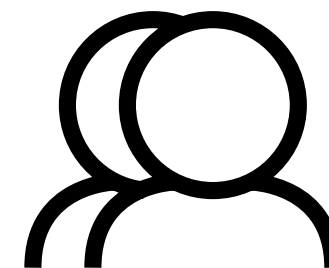


# **BCN3D in figures 」**





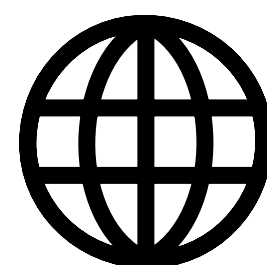
**2012 (Fundació CIM  
at Barcelona's UPC)**  
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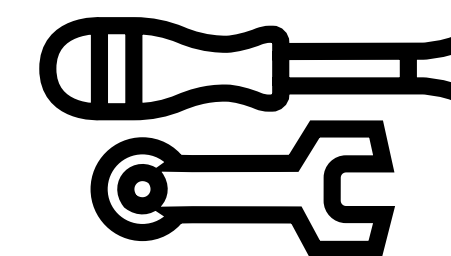
**+80 employees**  
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**Gavà, Barcelona (Spain)**  
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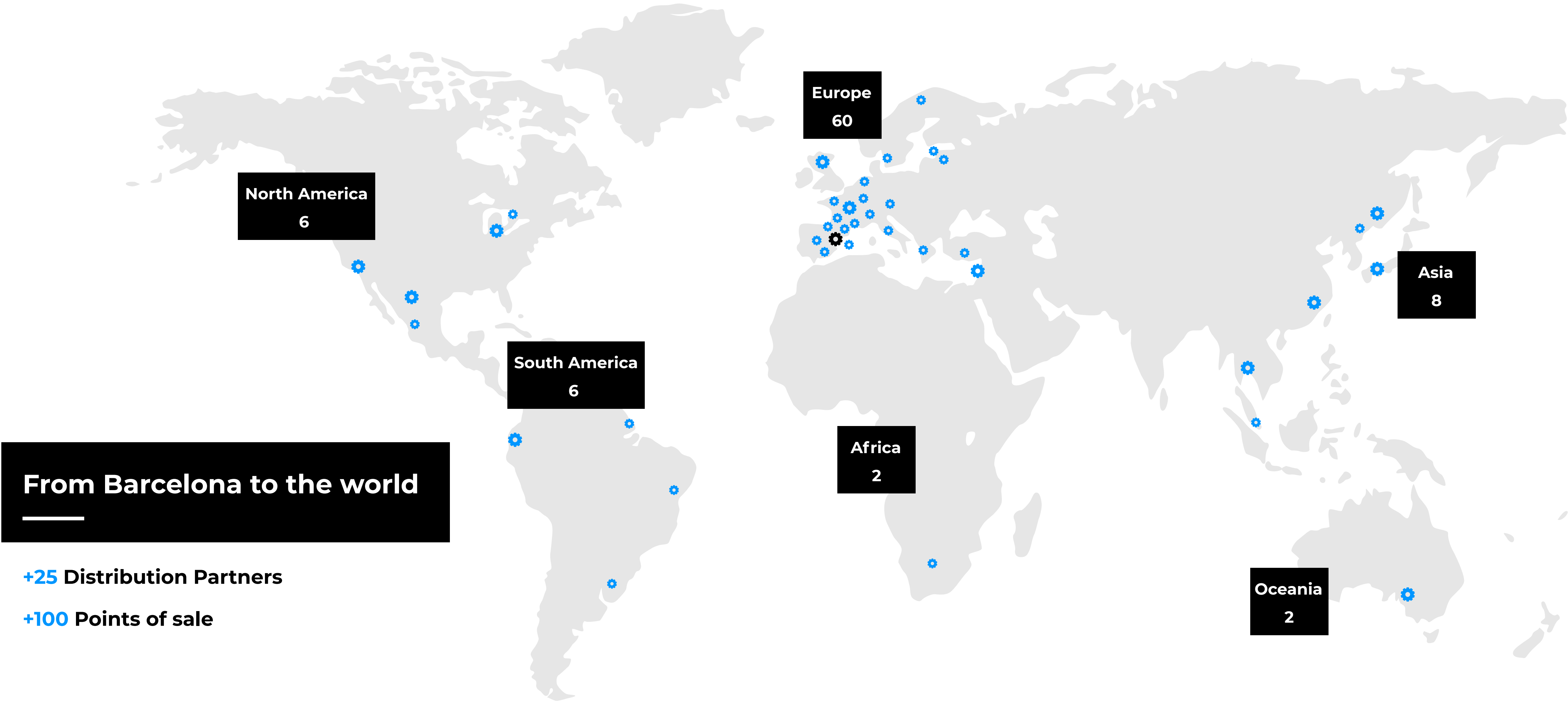
**Worldwide distribution  
network**  
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**Local design  
& manufacture**  
\_\_\_\_\_



# Distribution network



From Barcelona to the world

+25 Distribution Partners

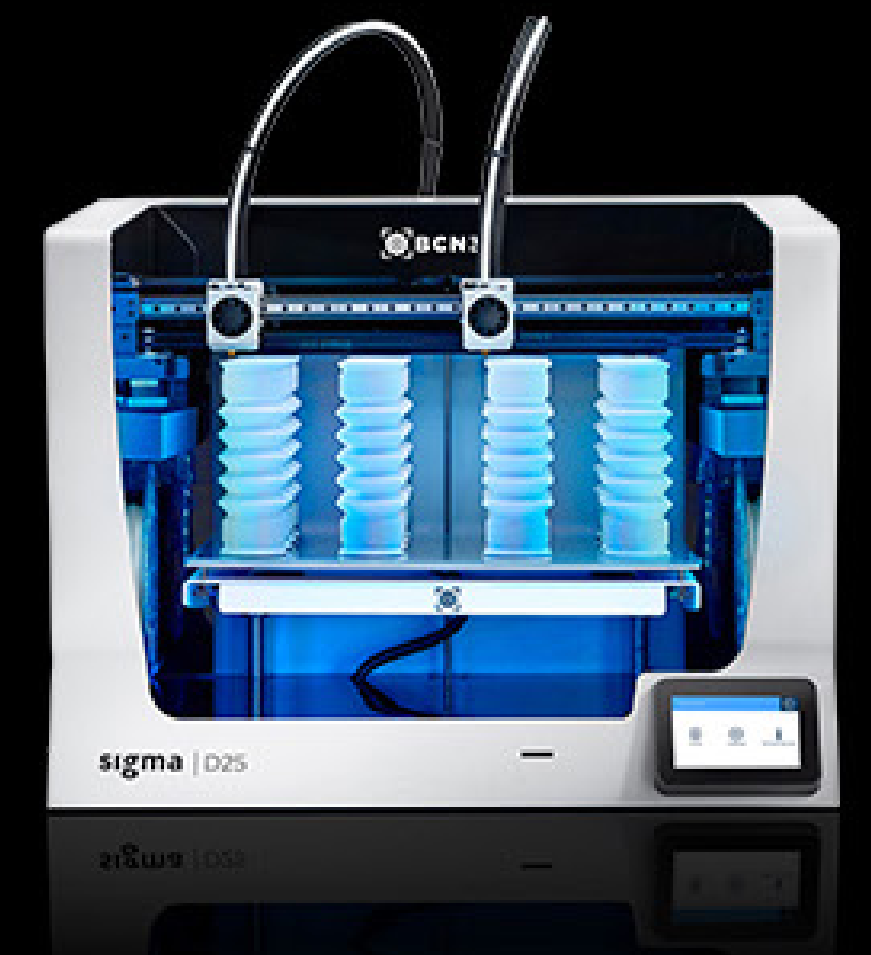
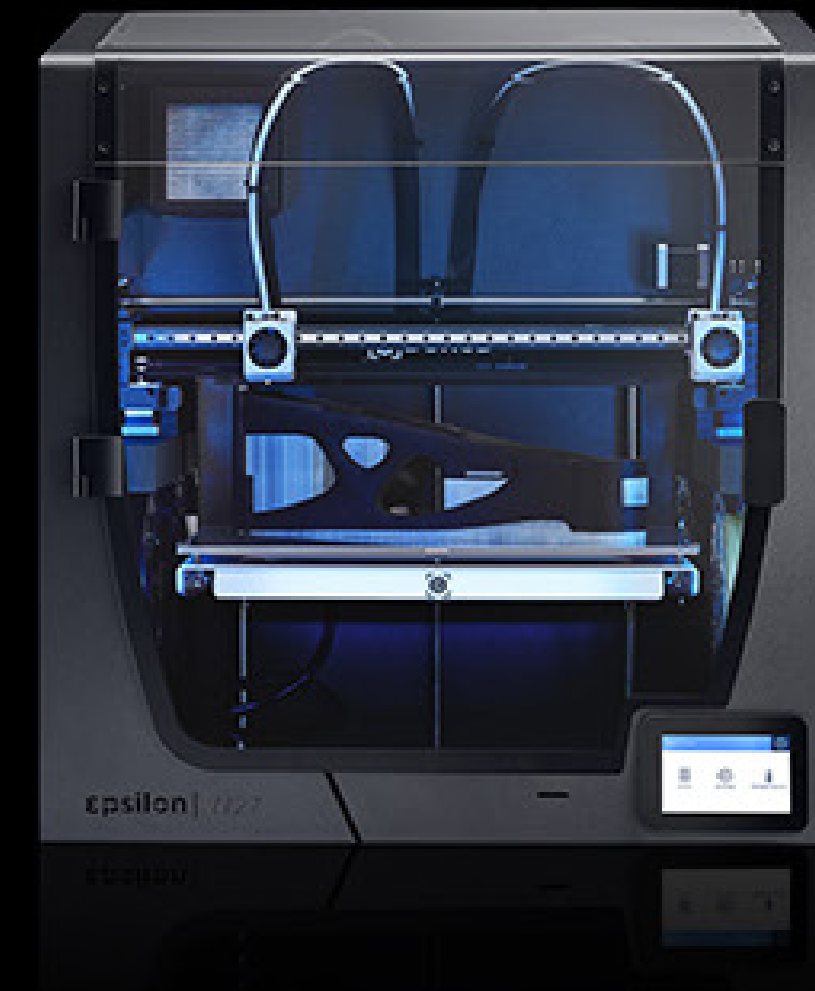
+100 Points of sale



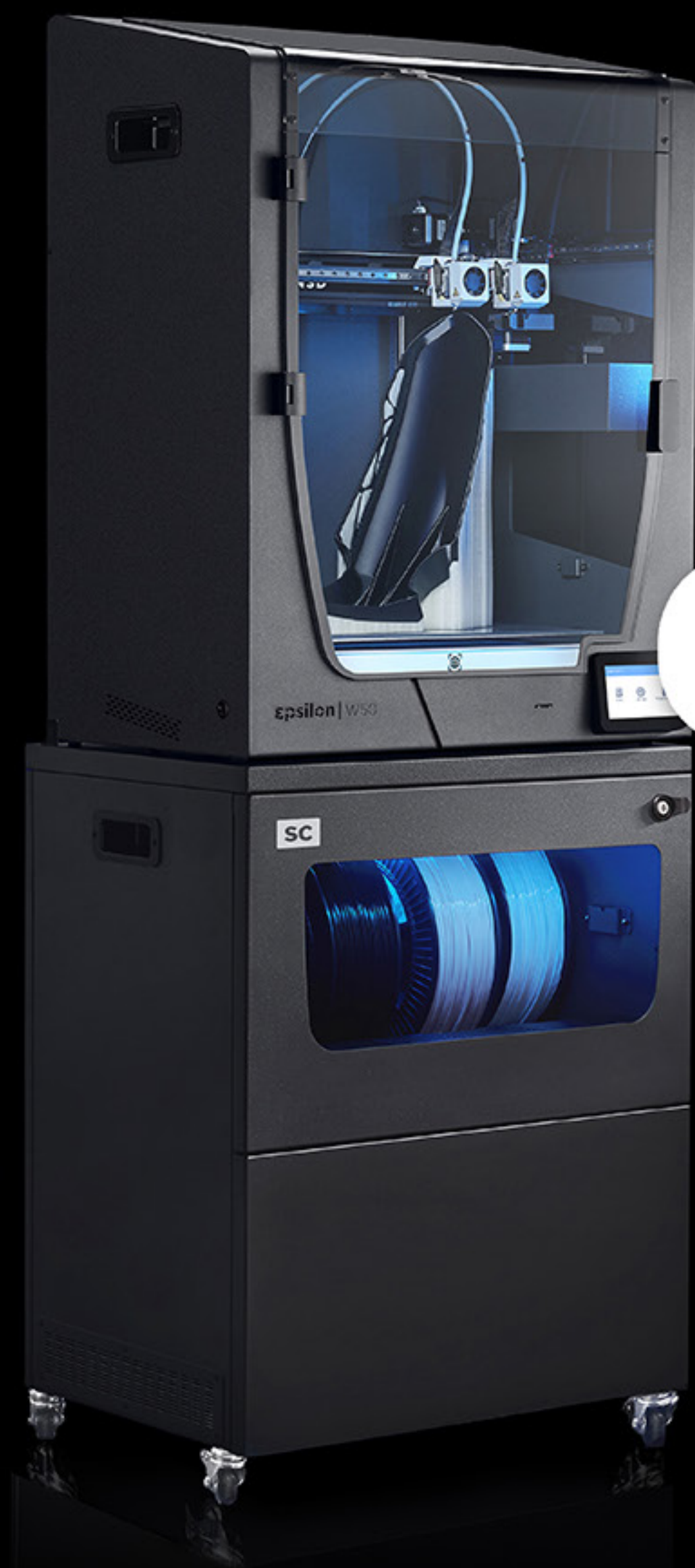
**Our products** 」



# 3D Printing Solutions







# THE NEW GENERATION OF THE EPSILON SERIES





**BCN3D EPSILON W50**

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The Epsilon W50 is a powerful professional 3D printer, designed to deliver large-scale parts with industrial-grade materials, thanks to features such as its passive heated chamber and full enclosure. Powered by our Independent Dual Extruder (IDEX) system, the Epsilon W50 delivers exceptionally strong functional parts with quality and precision.

**epsilon** | W50







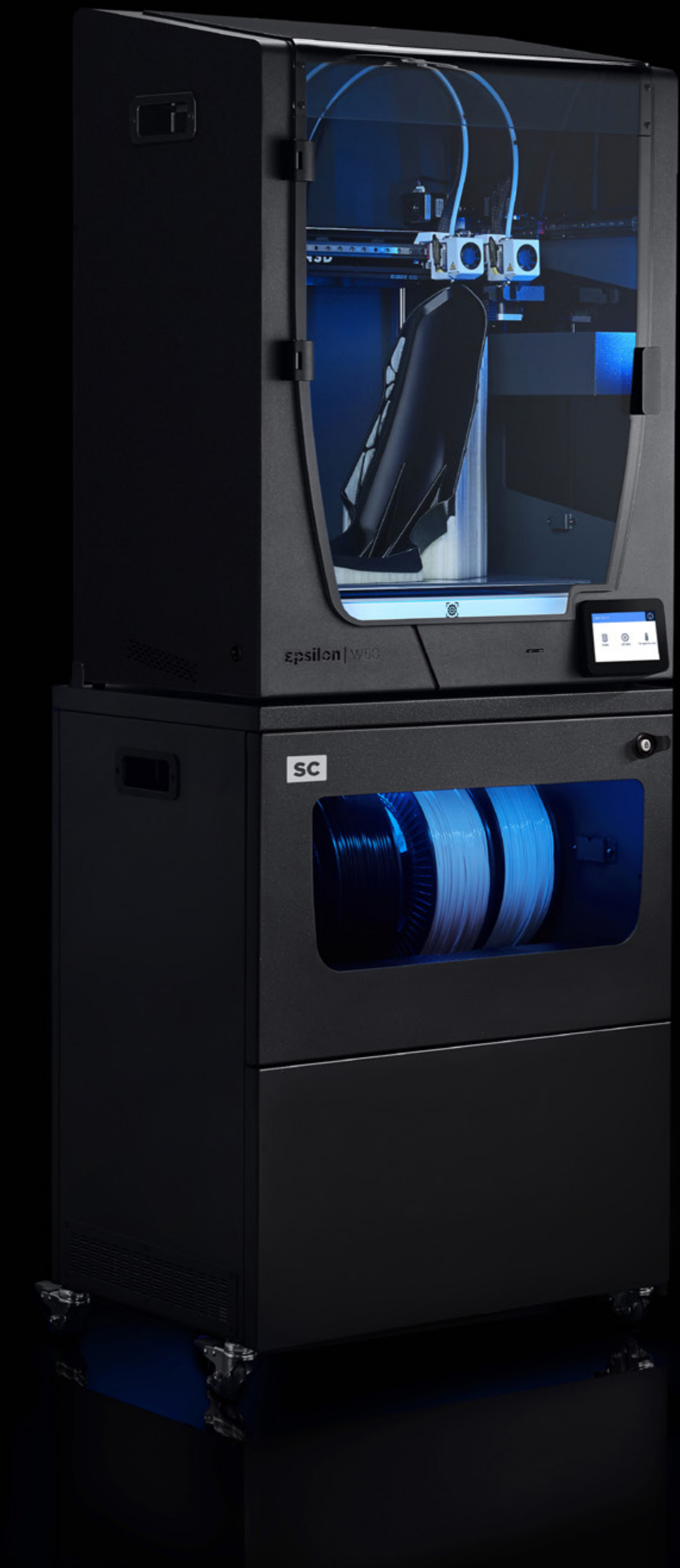


## BCN3D EPSILON W50 SC

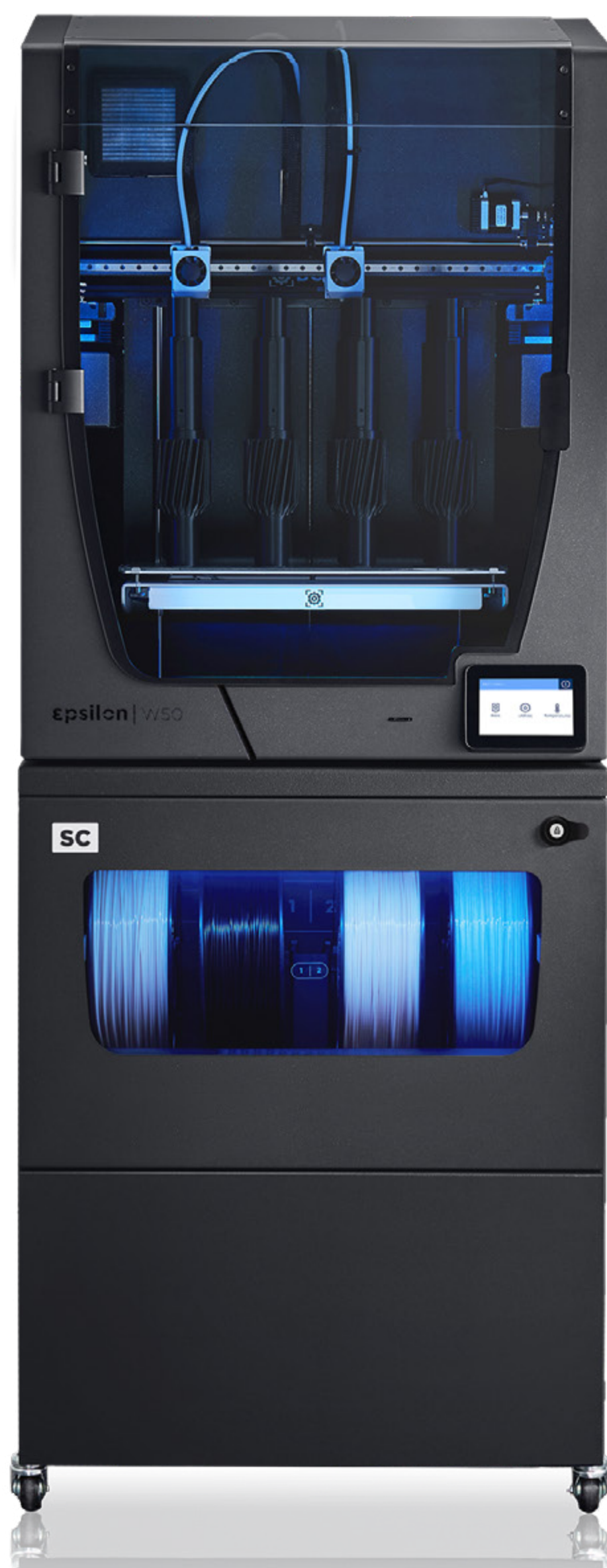
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The Epsilon W50 SC is a powerful professional 3D printing solution, designed to deliver large-scale parts with industrial-grade materials, thanks to features such as its passive heated chamber, full enclosure, and humidity-controlled environment. Powered by our Independent Dual Extruder (IDEX) system, the Epsilon W50 delivers exceptionally strong functional parts with quality and precision, while the Smart Cabinet (SC) boosts your printers' performance, keeping your materials in optimal condition and significantly improving each print's quality.

**epsilon** | W50 **sc**







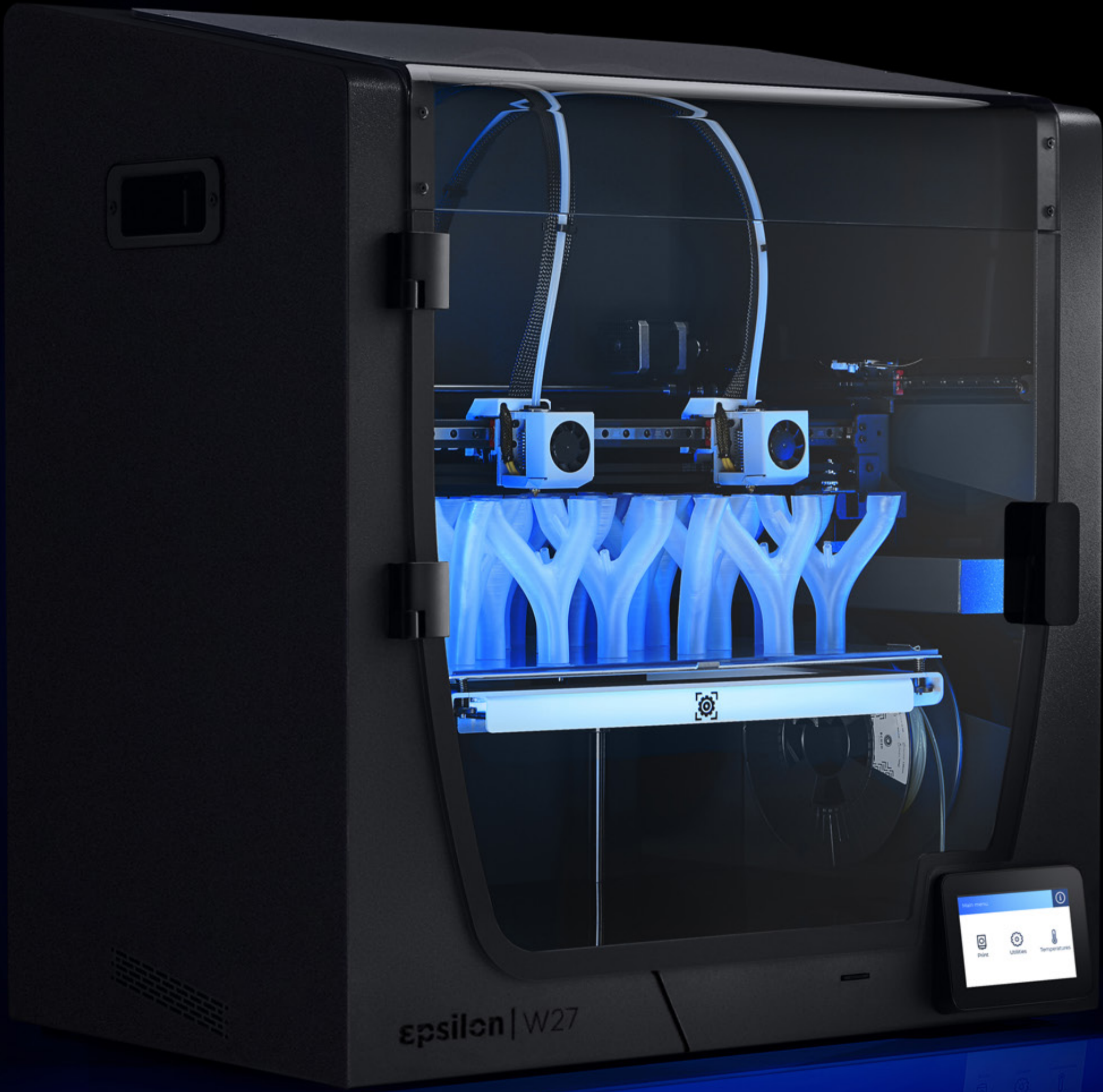


**BCN3D EPSILON W27**

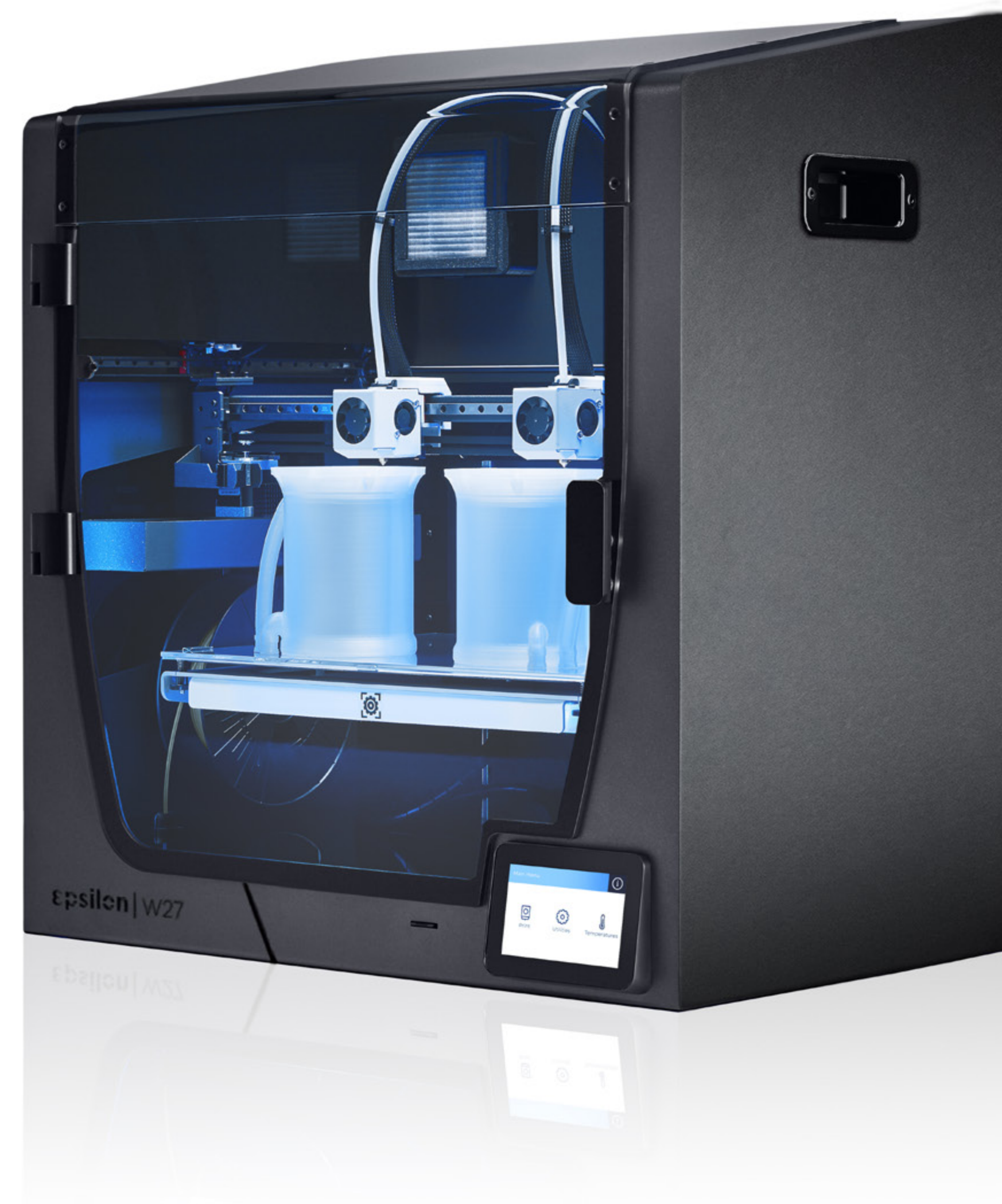
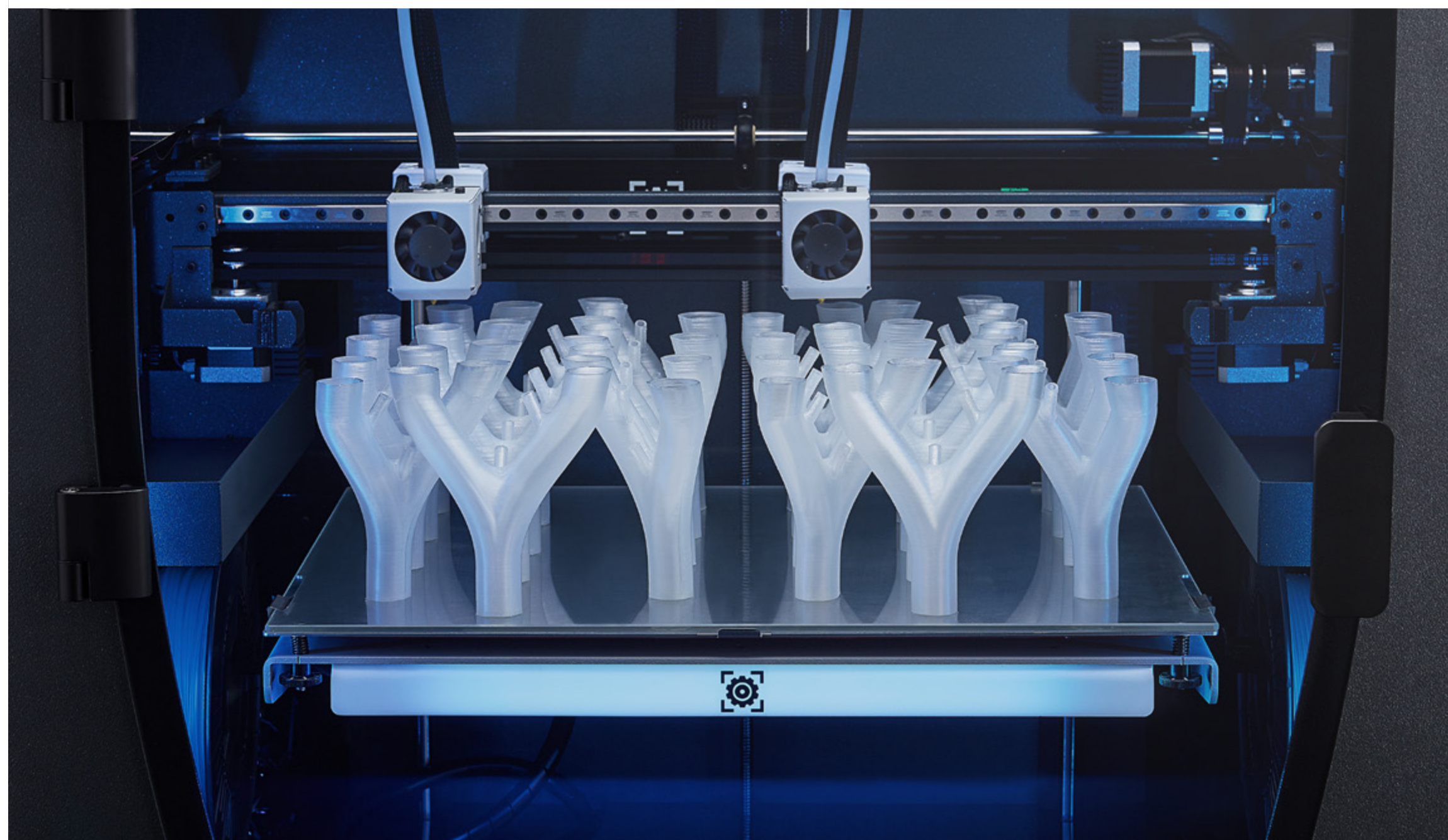
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The Epsilon W27 is a powerful professional 3D printer, designed to deliver solid parts with industrial-grade materials, thanks to features such as its passive heated chamber and full enclosure. Powered by our Independent Dual Extruder (IDEX) system, the Epsilon W27 delivers exceptionally strong functional parts with quality and precision.

**epsilon** | W27









# BCN3D EPSILON W27 SC

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The Epsilon W27 SC is a powerful professional 3D printing solution, designed to deliver solid parts with industrial-grade materials, thanks to features such as its passive heated chamber, full enclosure, and humidity-controlled environment. Powered by our Independent Dual Extruder (IDEX) system, the Epsilon W27 delivers exceptionally strong functional parts with quality and precision, while the Smart Cabinet (SC) boosts your printers' performance, keeping your materials in optimal condition and significantly improving each print's quality.

**epsilon** | W27 **sc**









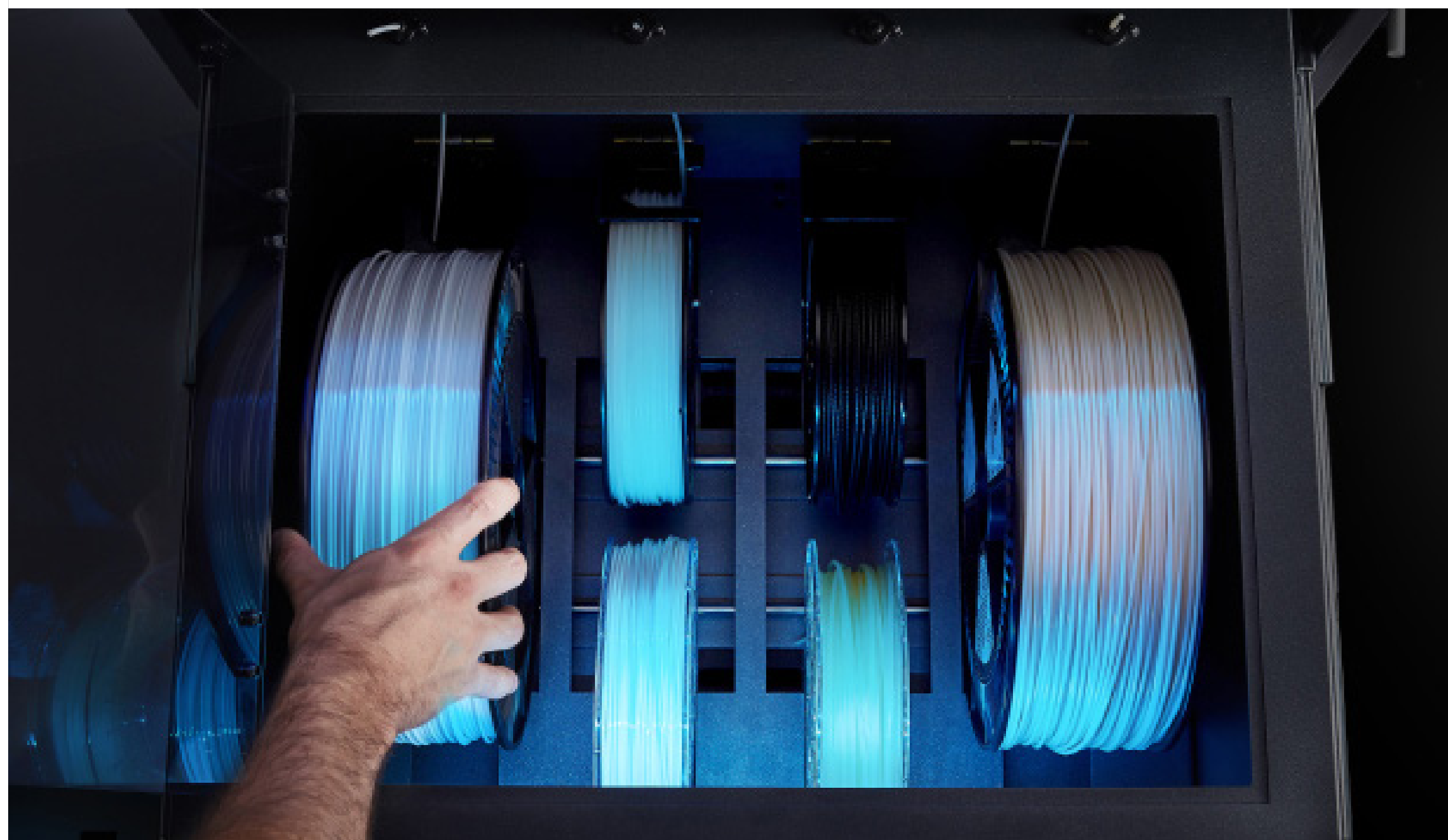
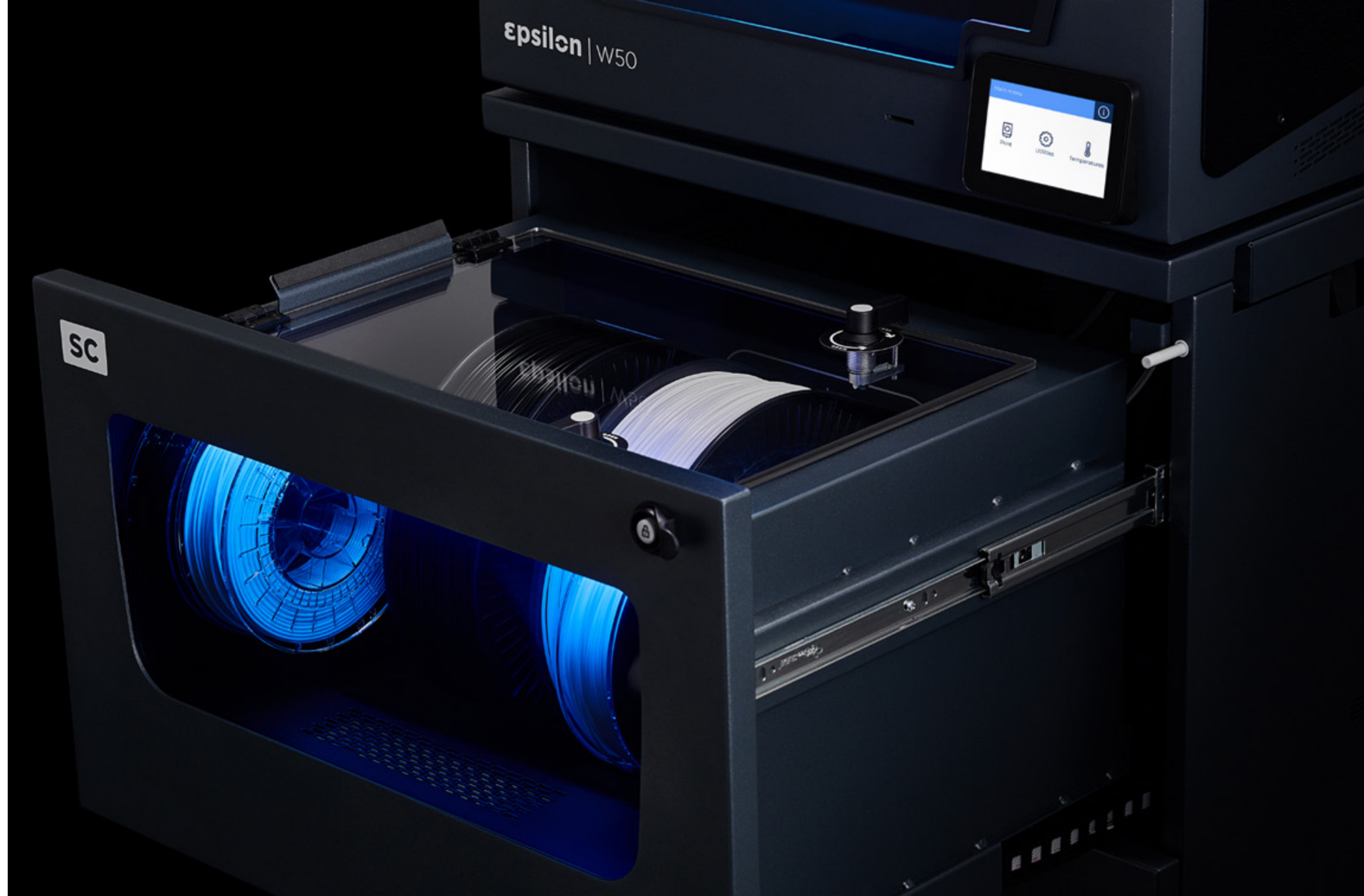
## BCN3D SMART CABINET

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The Smart Cabinet (SC) completes the Epsilon ecosystem, offering seamless integration with your BCN3D Epsilon printers and maximizing their uptime. Its filament humidity control boosts your printers' performance, keeping your materials in optimal condition, and its uninterruptible power supply protects your work at all times, avoiding the risk of losing your print job due to power outages.









# Sigma series



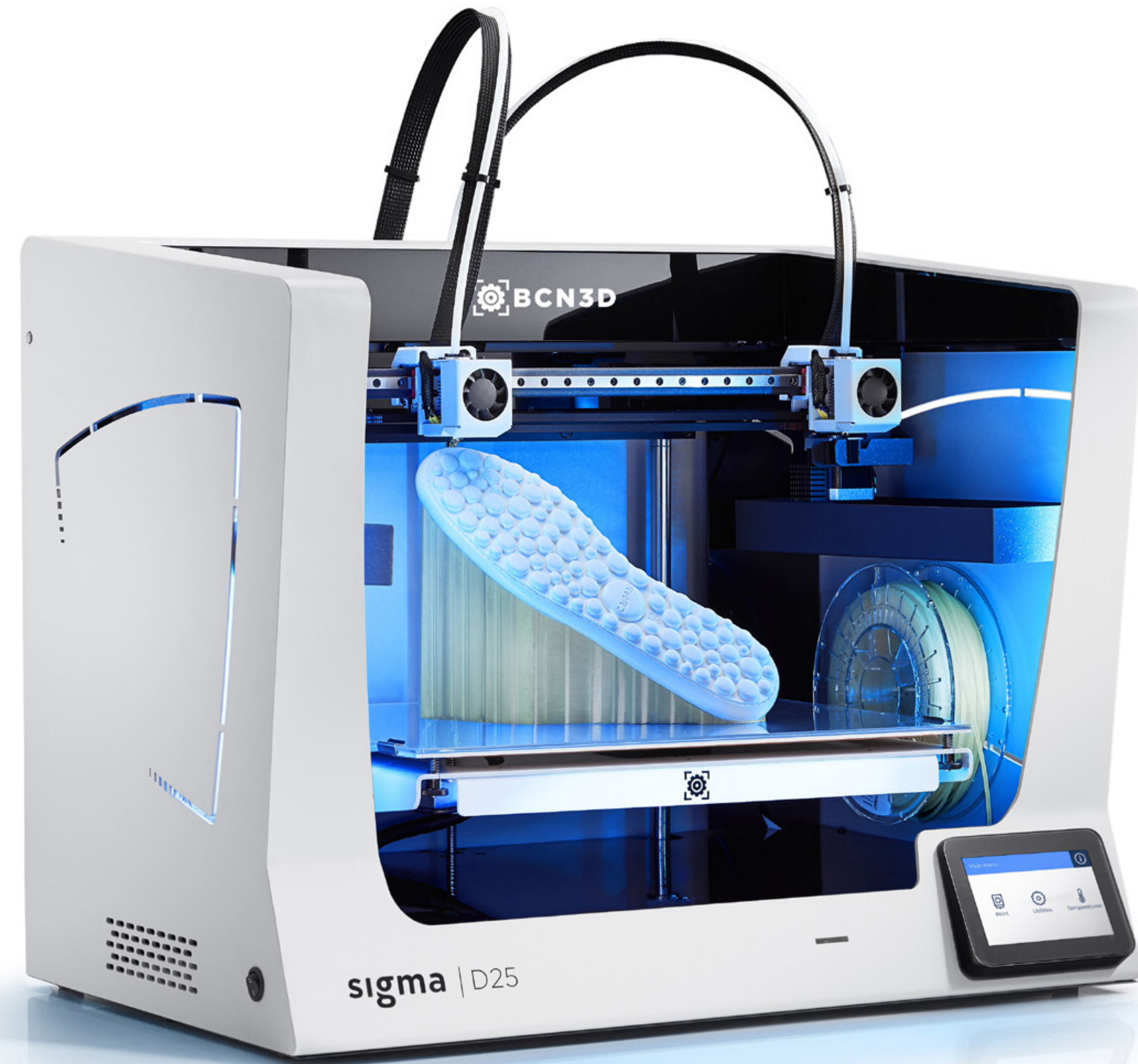


## BCN3D SIGMA D25

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Discover a new generation of our best-known 3D printer, engineered to grant maximum productivity through a hassle-free experience thanks to features like its massive print volume and full connectivity. Powered by our Independent Dual Extruder (IDEX) system, the Sigma D25 delivers quickly functional prototypes with quality and precision.

**sigma** | D25





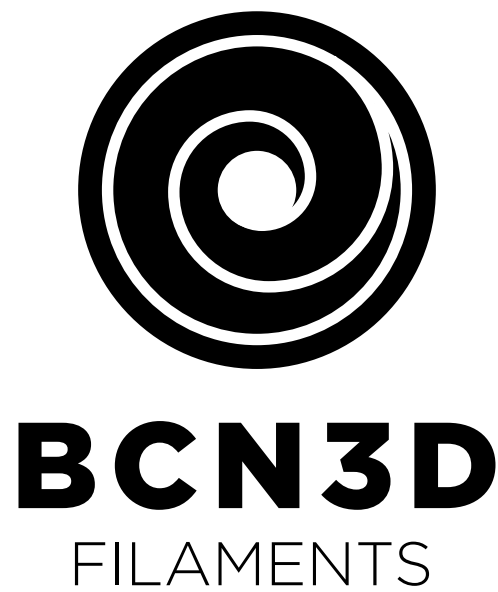




# Filaments

## BCN3D Filaments

Industrial-grade materials designed to deliver outstanding results for BCN3D printers and manufactured by BASF and Mitsubishi Chemical. BCN3D Filaments, formulated to ensure the highest print quality, are common polymers in several industries and cover the majority of the technical applications.



Enabled by:



**BASF**  
We create chemistry



**mcpp**  
A Group Company of  
MITSUBISHI CHEMICAL



## High-performance materials for professional prototyping

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# Software

## BCN3D Cloud

A powerful control panel to manage your fleet of 3D printers in real time and stay informed about their operation. Organize your company members into teams and allocate responsibilities for handling files, printers, queues and data to establish a simplified, systematic workflow. The BCN3D Cloud is compatible with all Epsilon models and the Sigma D25.



### BCN3D Cloud

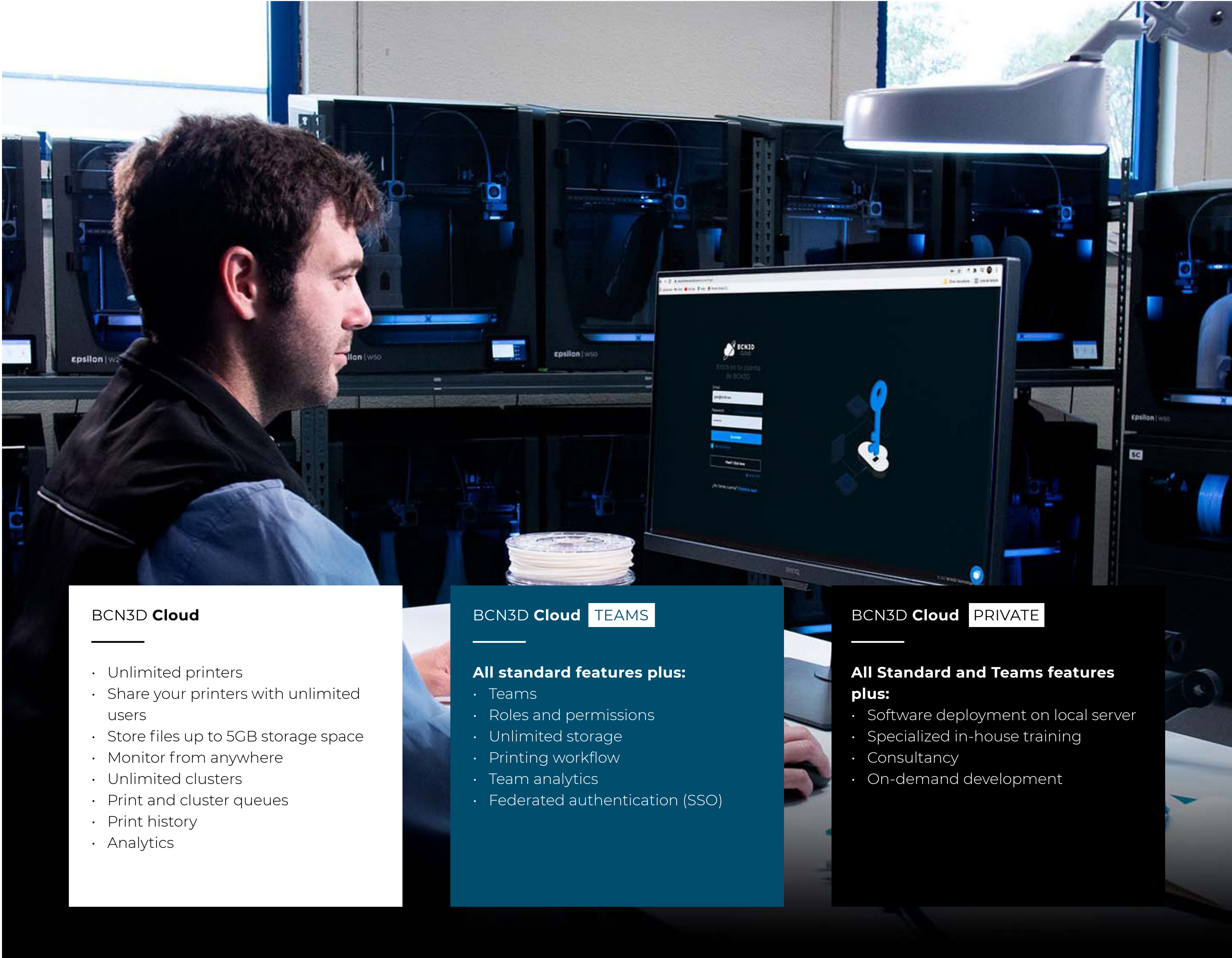
- Unlimited printers
- Share your printers with unlimited users
- Store files up to 5GB storage space
- Monitor from anywhere
- Unlimited clusters
- Print and cluster queues
- Print history
- Analytics

### BCN3D Cloud TEAMS

- All standard features plus:**
- Teams
  - Roles and permissions
  - Unlimited storage
  - Printing workflow
  - Team analytics
  - Federated authentication (SSO)

### BCN3D Cloud PRIVATE

- All Standard and Teams features plus:**
- Software deployment on local server
  - Specialized in-house training
  - Consultancy
  - On-demand development





# Software

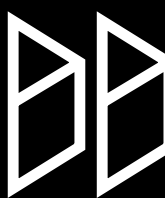
## BCN3D Stratos

BCN3D Stratos is a straightforward slicing software, designed for speed and efficiency while still ensuring top-quality prints for a powerful 3D printing process. The user-friendly interface is free and compatible with all BCN3D Sigma and Epsilon printers.



### IDEX reaches its full potential

BCN3D Stratos easily incorporates the benefits of IDEX system: simply merge multi-material models, generate support structures or even cut down printing times by combining hotends with different nozzle sizes.



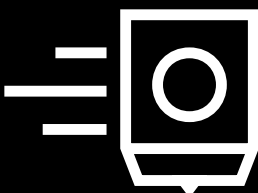
### Mirror and duplicaton modes

With a user-friendly tool and customizable settings, make use of the unique feature of controlling two print heads to double your productivity. It's now easier than ever to make the most of IDEX technology.



### Integrated printing profiles

BCN3D Stratos works using validated printing profiles to increase the printing success rate. Just select the installed hotends and materials on the printer to get the right set of parameters. And, of course, experts users still can tweak more than 500 parameters.



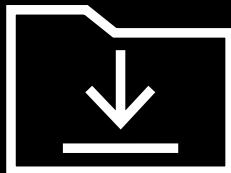
### Speed and efficiency

Our expert system means you can complete print jobs rapidly without encountering the inconvenience of lagging. Use our reliable interface to automate your processes for an agile workflow.



### Brand new features

Our complete toolset now includes gyroid infill for organic shapes and increased resistance, and adhesion settings in brim and raft to improve profiles. The bridges option allows you to avoid using supports for every overhang, and to manage speed and productivity.



### Format file flexibility

The versatility of Stratos has been tailored to accomodate a wide range of file format compatibility, to cover all bases and enhance your possibilities and creativity.

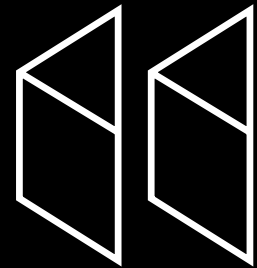


**Our technology and sectors 」**

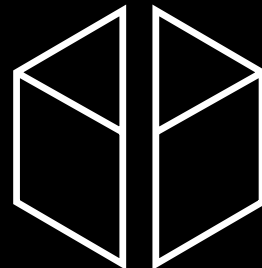


# IDEX Technology

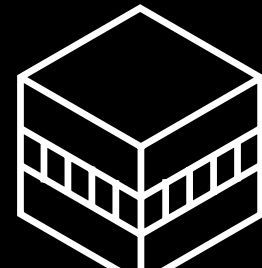
In 2015 BCN3D developed the disruptive IDEX technology implemented in the first model of its flagship 3D printer, the BCN3D Sigma. IDEX stands for Independent Dual Extrusion and refers to that technology that allows a 3D printer to work with both of its tool heads simultaneously and independently, resulting in many benefits throughout the entire printing process. It also offers the possibility to park the idle tool head aside when printing dual extrusion parts, which offers a cleaner solution, as it prevents the drip of molten plastic into the print.



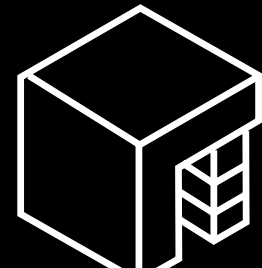
Duplication  
Mode



Mirror  
Mode



Multimaterial  
Mode



Soluble Supports  
Mode



IDEX



**Our customers** 」



# Main applications

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Epsilon Series



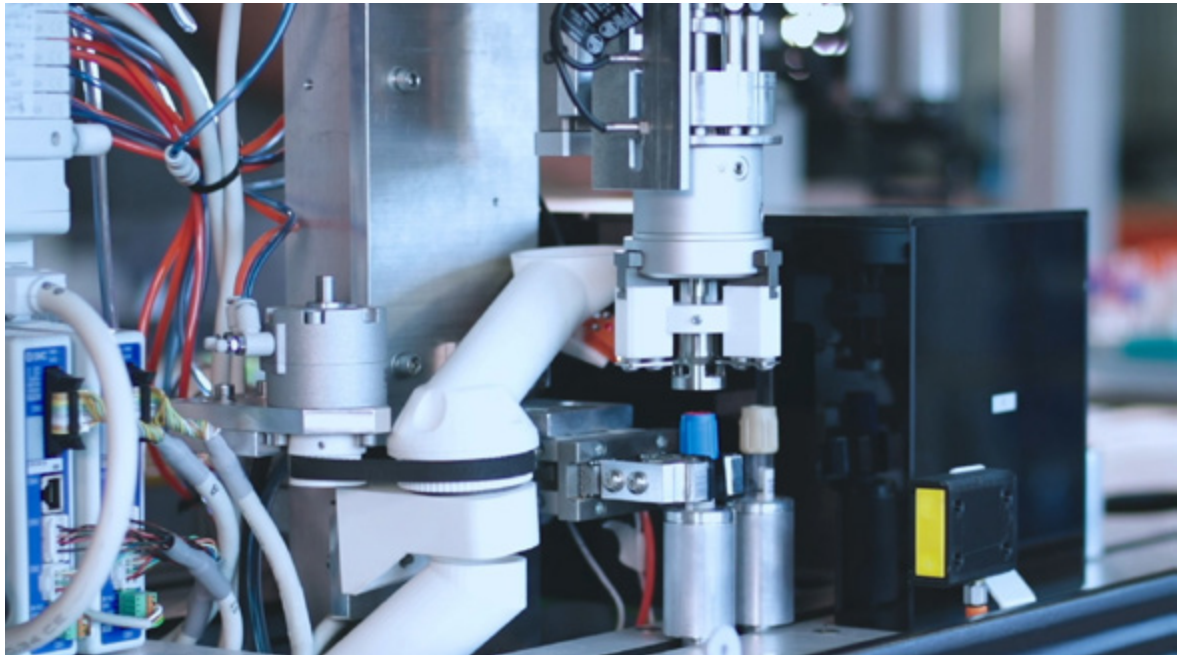
Tooling

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End-use parts

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Low volume production

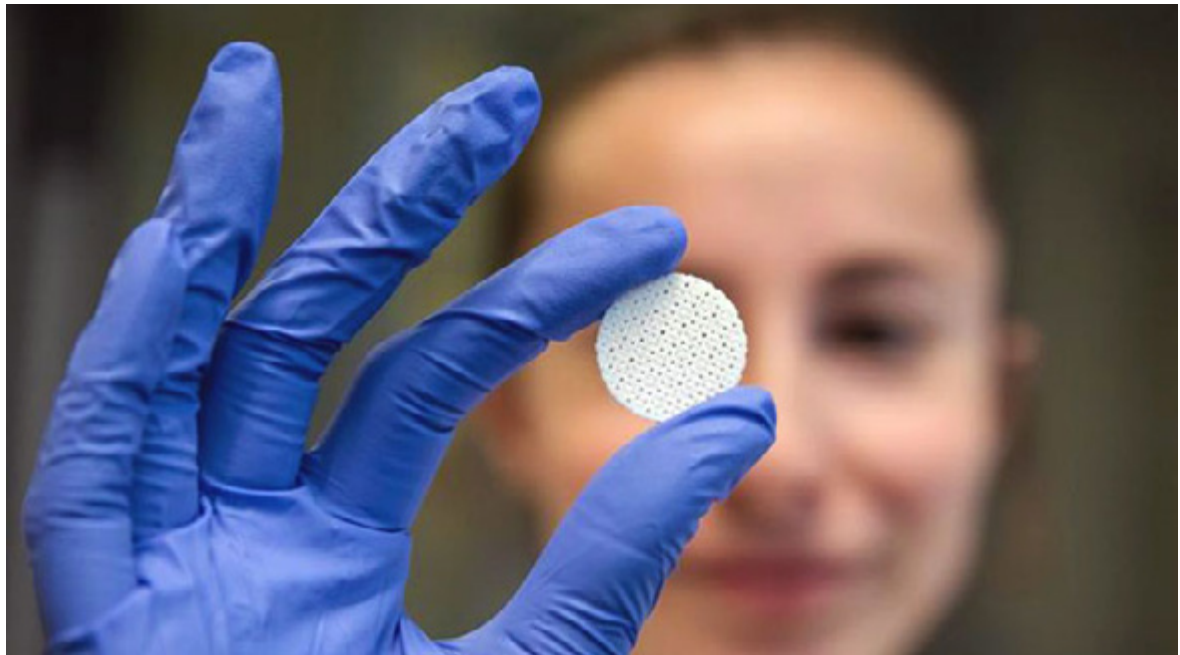
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Sigma Series



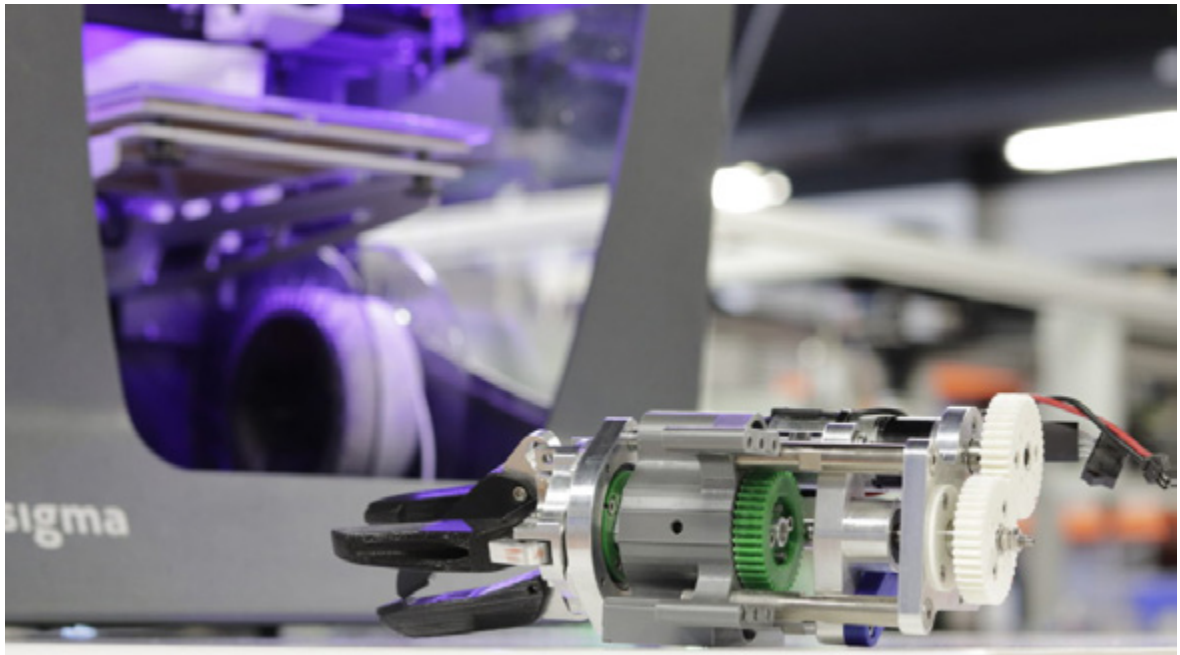
Development Prototypes

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Education / Research

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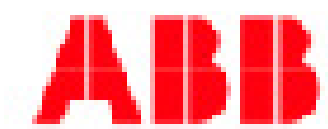
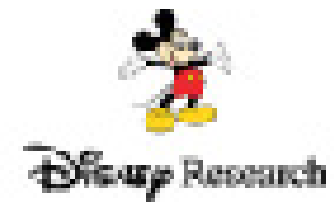
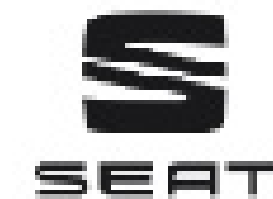
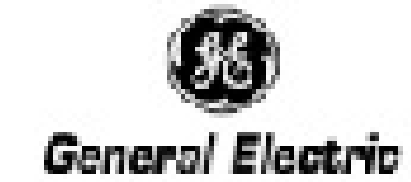
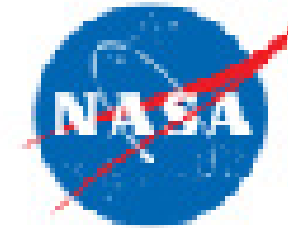
Functional prototypes

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# Main customers

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## **Our Management Team 」**



# Team

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**CEO**

Xavier Martínez Faneca

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**General manager**

Roger Antúnez

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**CTO**

Eric Pallarés

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**Sales director**

Pol Domènech

---



**Marketing director**

Marc Felis

---



**Chief Operations Officer**

Jordi Mallart

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**FFF Lead Engineer**

Arnau García

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**Financial director**

Uwe Olivella

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# Media contact

Contact press

press@bcn3d.com  
+34 935 954 343





**“Our goal is to help innovators and creatives to change the world by offering them the best possible tools to materialize their unique ideas.”**

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**εpsilon** | W50







**BCN3D**

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