



# Sermoon D3 Pro

Dual Extrusion, Versatile & Efficient



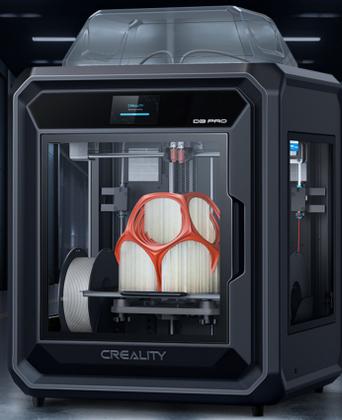
Dual-filament Printing



Auto XYZ Offset of the 2nd Hotend



Diverse Filaments for Broad Applications



Dual Extrusion with 32mm³/s Flow



Thermostatic Chamber



Compatible with Diverse Filaments



Auto Leveling by Strain Sensor



Flexible Build Plate



Industrial Grade Stability



Multi-printers Control via LAN



HEPA Air Purifier

## Reliable Dual Extrusion with High Flow

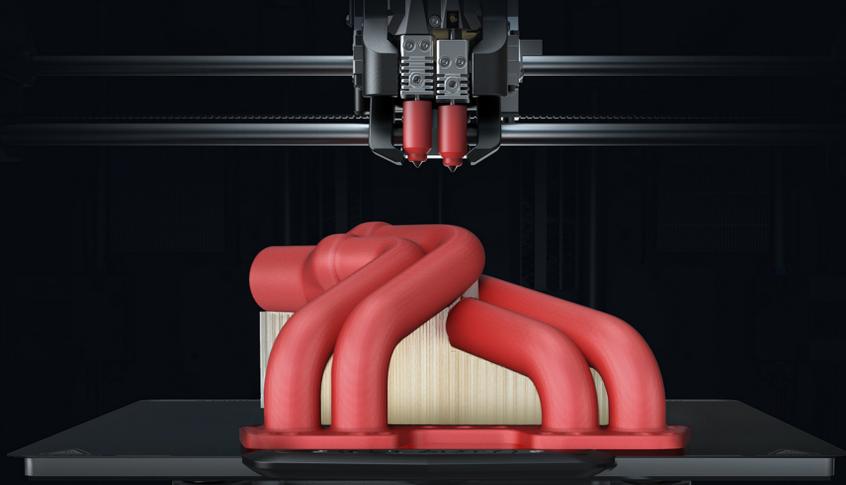
The printhead of Sermoon D3 Pro features two hotends sharing one extruder. The dual extrusion system is lighter than ever and is capable of 32mm³/s high flow and 300°C printing.

All-metal Direct Drive Extruder

Large Melt Zone in Hotend

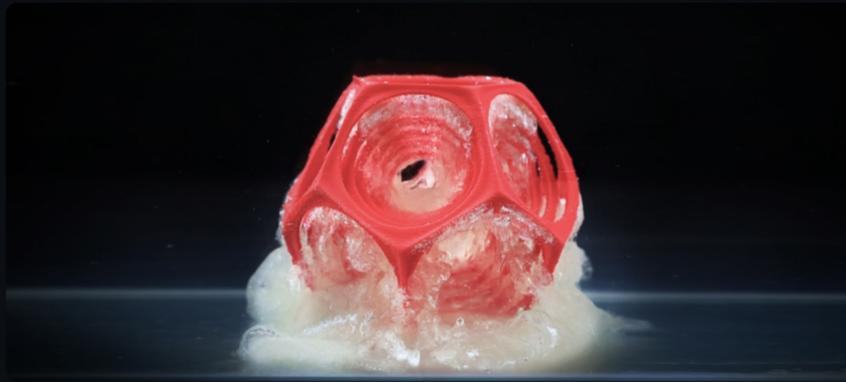
Bimetal Heatbreak (Titanium Alloy + Copper Alloy)

Hardened Steel Nozzle



## 3 Ways That Dual Extrusion Spurs Productivity

It can print supports separately with material that is soluble in water, hassle-free to obtain intact, complex models.



Water-soluble Support

Easy-to-remove Support

Dual-color Printing

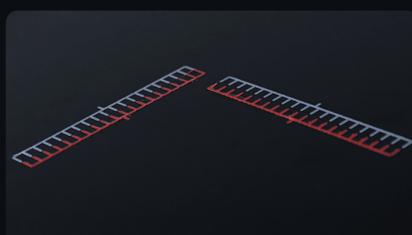
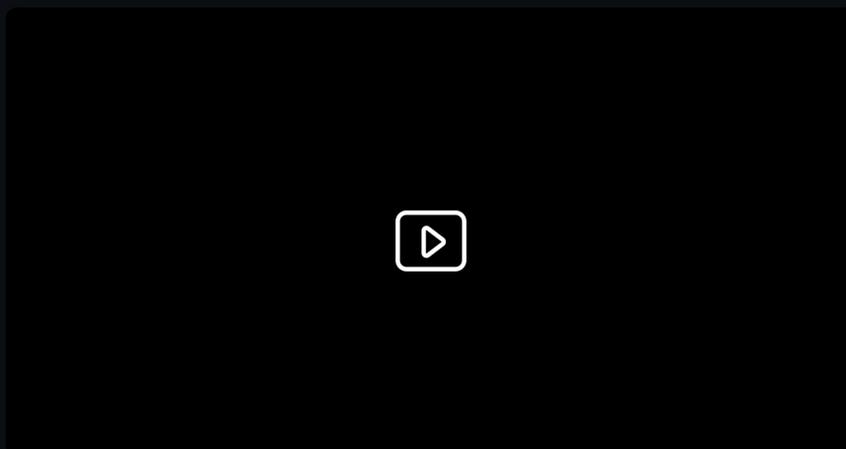
## Instant Switch of Extrusion

Sermoon D3 Pro adopts a single-side nozzle lifting system that is swift to switch extrusion. Plus, the system has undergone rigorous tests to ensure reliability and precision.



## Auto XYZ Offset of the 2nd Hotend

A calibration module is used to auto-offset the XYZ of the 2nd hotend. It is way faster and more precise than manual offset.



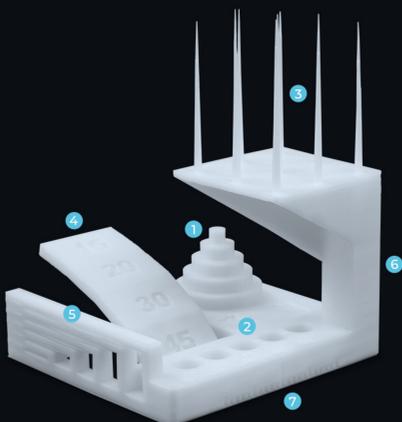
Manual Offset: 30min-1h\*



Auto Offset: 5min\*

\* Data from Creality Lab

# Solid Quality Bolstering Business Success



\* Tested at Creality Lab using the Autodesk x Kickstarter FDM 3D printer assessment.

## Industry-leading Print Quality

Sermoon D3 Pro is preset with vibration compensation and is precalibrated for optimal flow control. The print quality gets high scores in all aspects.

Overall Quality Score\*: 28

1. Dimensional Accuracy: 5
2. Negative Feature Resolution: 5
3. Fine Feature Flow Control: 5
4. Overhangs: 4
5. Bridging: 4
6. Z-axis Alignment: 2.5
7. XY Ringing: 2.5

## Thermostatic Chamber to Forge Robust Print

The chamber is installed with an active heater inside. It envelops the print with a constant, warm ambient temperature of 60°C\* to reduce internal stress, deformation, or cracking.

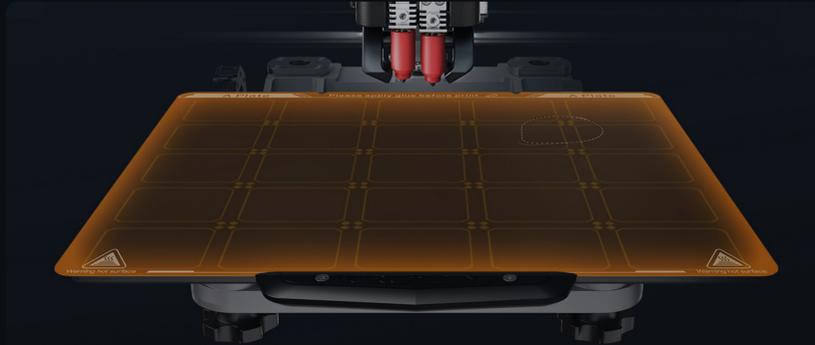
- Strong bonding between print layers
- Less warping or cracking due to residual stress
- Higher strength of 3D-printed parts

\*The 60°C temperature is reached based on a room temperature of 25°C.



## Stay Auto-leveled for a Long Time

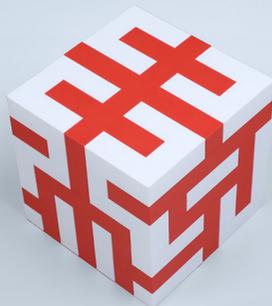
A strain sensor in the hotend probes the build surface at multiple points and levels it automatically and precisely. No need for a calibration card or Z offset. Once done, it stays effective for a long time.



## Diverse Filaments for Broad Applications

Sermoon D3 Pro is proven to print well with 29 kinds of filaments\*, great to create models with a wide spectrum of properties on demand.

Hilbert Cube  
Hyper PLA Red + Hyper PLA White



\*Data from Creality Lab

Metal parts  
Ultrafuse® 316L

## Flexible Build Plate

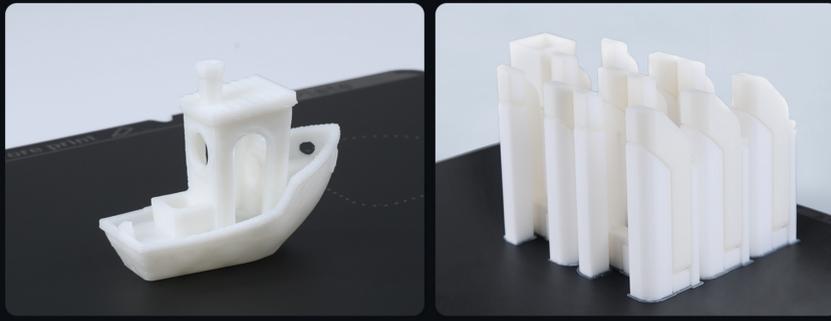
Sticky and heat-resistant to match various filaments. Bendable for effortless print removal. The finely frosted surface makes the model bottom fine and smooth.



# Higher Production Capacity with Less Hassle



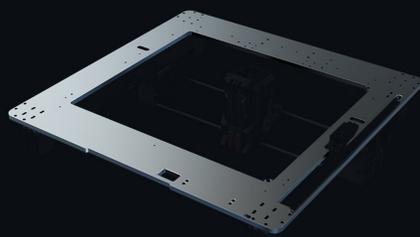
## 300mm/s\* Speed, Quick to Fulfill Orders



\*Data from Creality Lab. 300mm/s is the max printing speed of single extrusion.

## Built for 24/7 Production

Sermoon D3 Pro inherits the sturdy frame of Sermoon D3. It can run uninterruptedly with persistent, high print quality. Rarely does it need to pause for maintenance.



Sturdy Steel Bottom Plate

Aerospace Aluminum Heatbed Base

Z-axis 16mm Linear Shaft x 2

Aerospace Aluminum Profiles

CNC-machined Integrated Top Plate

## Streamlined Workflow from Start to End



Easy Slicing for Dual Extrusion

Centralized Printer Management

Easy Post-processing

## Packed with Productive Features



HEPA Air Purifier  
Filtering VOCs and UFPs



Smart Door Sensor  
Pause of printing when the door is opened by accident



Directional Air Duct  
Quick model cooling



Built-in Camera  
Real-time monitoring



Quick-heating Hotend  
Reaching 200°C in 40 seconds\*



Quick-heating Heatbed  
Reaching 100°C in 180 seconds\*

\*The data are recorded at Creality Lab based on a room temperature of 25°C.

## Strengths of Creality

3D Printing Industry Evangelist  
Manufacturer of the World's Best-selling 3D Printers

**530+**  
Patents

**5 million+**  
3D printers shipped

**3.0 million+**  
Annual production capacity

**150,000m<sup>2</sup>**  
Factory area



Filament R&D partner: BASF Forward AM

## Product Parameters

Printing Technology:	FDM	Max. Chamber Temperature:	60°C
Build Volume:	290*220*300 mm	Build Surface:	Flexible build plate
Product Dimensions:	553*578*656 mm	Leveling Mode:	Auto leveling
Package Dimensions:	695*670*700 mm	Display Screen:	4.3" touch screen
Net Weight:	43kg	Mainboard:	32-bit silent mainboard
Gross Weight:	52kg	Connectivity:	WiFi, USB drive, Ethernet
Max. Printing Speed <sup>1</sup> :	300mm/s, 5000mm/s <sup>2</sup> (Single extrusion)	LAN Printing:	Yes (via WiFi or Ethernet)
Typical Printing Speed:	Single extrusion: 200mm/s Dual extrusion: 150mm/s	Air Purifier:	Yes
Printing Accuracy <sup>2</sup> :	±0.1mm	Lighting Kit:	Yes
Layer Height:	0.1-0.35mm	Power Loss Recovery:	Yes
Filament Diameter:	1.75 mm	Filament Runout Sensor:	Yes
Extruder:	Direct drive dual-gear extruder	Pause while Opening Door:	Yes
Extruder Material:	All metal	Camera:	Yes
Nozzle:	Hardened steel nozzle	Rated Voltage:	100-240V~, 50/60Hz
Nozzle Diameter:	0.4 mm	Rated Power:	1300W
Nozzle Count:	2	File Formats For Slicing:	STL, OBJ, AMF
Max. Nozzle Temperature:	300°C	Supported Filaments:	PLA, PETG, PET, TPU, PVA, BVOH, HIPS, PA, ABS, ASA, PC, PC-ABS, PLA-CF, PA-CF, PET-CF, Metal, etc.
Max. Heatbed Temperature:	120°C	Slicing Software:	Creality Print 4.3 or newer version

1. Print with Hyper PLA using single extrusion. 2. Print a 50mm cube with PLA.

## AUTHORIZATION LETTER

To Whom it may Concern,

We SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD Hereby officially authorizes AG ELECTRONICA SAPI DE CV as one of our distributors in MEXICO. AG ELECTRONICA SAPI DE CV as a Brand agent is entitled to resell all Creality's Printer and related accessories which includes both Ender and CR series through the below channels.

And allow to use the Brand of **CREALITY**

<https://www.agelectronica.com/>

Authorization period : 2024.3.7- 2025.3.6

*If you need to verify agency code ,or have any questions about this authorization, pls get contact with [becky@creality.com](mailto:becky@creality.com)*

Shenzhen Creality 3D Technology Co., Ltd

