



# CREATOR 4

Speed up design iteration and productization



Neotech Co.,Ltd.  
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Creator 4 is a multi-functional, flexible and high-performance commercial 3D printer. It is equipped with three types of extruders, therefore various printing needs can be met by selecting the matching printing module according to different types of filaments.

EXTRUDER  
**HS**

Printing for carbon fiber composite

**360** °C

**1.75** mm

**150** mm/s

- |      |        |        |
|------|--------|--------|
| PACF | PET-CF | PPCF   |
| PAGF | PC-ABS | PPS-CF |
| PPS  |        |        |

EXTRUDER  
**HT**

Printing for engineering filament

**320** °C

**1.75** mm

**200** mm/s

- |      |        |      |
|------|--------|------|
| PC   | PA     | PP   |
| PETG | ASA    | ABS  |
| PLA  | PC-ABS | PAHT |

EXTRUDER  
**F**

Printing for 85A flexible filament

**265** °C

**2.85** mm

**100** mm/s

- |         |     |     |
|---------|-----|-----|
| TPU 85A | TPE | TPB |
| TPC     |     |     |





# IDEX

Independent Double Extruder

Unlike traditional dual extruder, when one extruder prints, the other one is away from the model printing area, so that the filament will not drip and thus ruin the model quality. While printing the same model in batch, the output is doubled, which makes it the best choice for mass production.



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BUILD

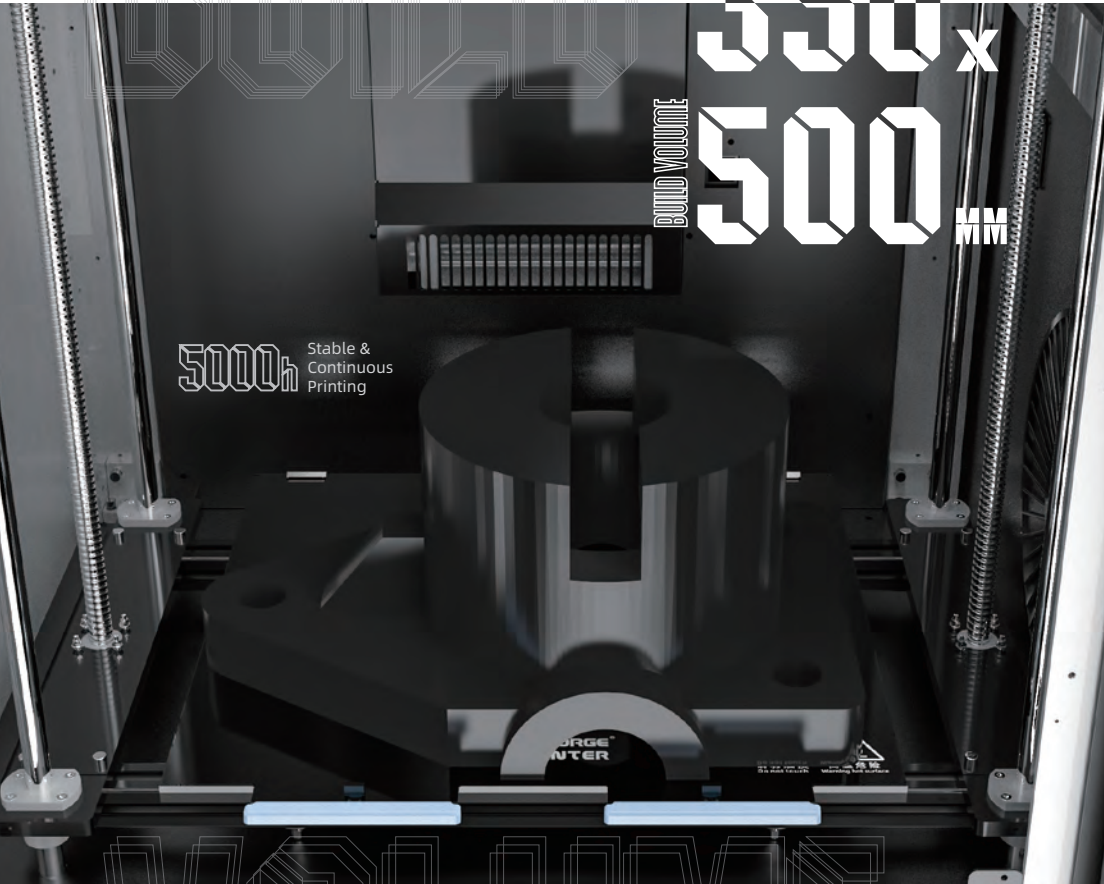
400x

350x

500mm

BUILD VOLUME

5000h Stable & Continuous Printing



## Large-size Printing without Warp

Printing size: 400mm\*350mm\*500mm  
The 500mm vertical Z-axis height meets printing needs of most manufacturing parts.



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# 65°C

## Maintain a constant chamber temperature at 65°C without warpage printing

The advanced thermal-control software design can preheat and keep the temperature before and after printing. The thermal-control system maintains a constant chamber temperature at 65°C, reducing the thermal contraction of the model through the printing process. It avoids the warpage and cracking of ABS/PC/PA and other engineering filaments and guarantees the quality and dimensional accuracy of the model, improving the success rate of printing.



**3DD**  
Digital Fabrication



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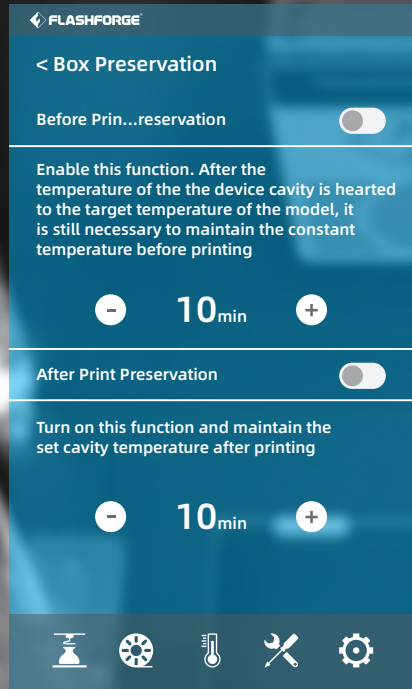
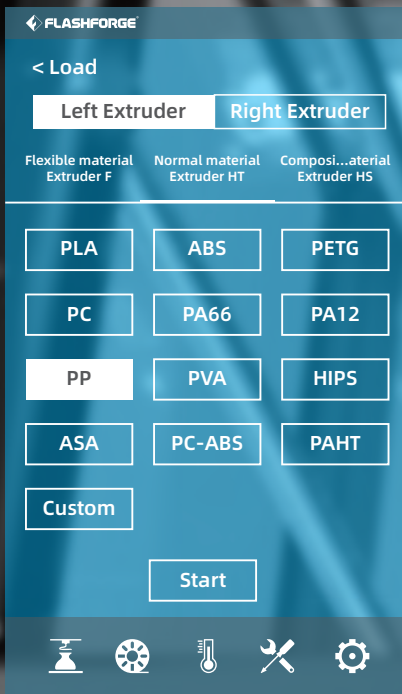
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# Friendly and intelligent filament management system

Before printing, the temperature can be matched automatically by the intelligent system according to the type of the filament. The smart setting that maintains a constant chamber temperature guarantees the printing success rate;

After printing, the intelligent control system helps to adjust the cooling temperature, in order to get ready for the next printing without waiting again.



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# LEHVOSS

## Open filament system that supports customization

The Creator 4 series is suitable for Flashforge supreme filaments. This series is developed in cooperation with German LEHVOSS, and the raw materials are specially formulated by LEHVOSS. It reduces the heat shrinkage during printing, and also decreases the warpage and the need for high chamber temperature. It meets the strength and temperature resistance required by engineering mechanics. The filaments are certified by the LEHVOSS German laboratory.



### Certificate

This is certify that Zhejiang Flashforge 3D Technology Co., Ltd. is a certified partner for production of filaments made of LUVOCOM 3F PAHT CF 9891 BK.

The filaments were tested in our laboratory in Hamburg, Germany and the properties achieved are in line with the defined standards.

Term of Validity: From 23rd December 2020 to 31th December 2021

Lehmann&Voss&Co. KG  
Alsterufer 19  
20354 Hamburg  
Germany



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# MANUFACTURING

- ◆ Temporary emergency maintenance and replacement of wearing parts of the equipment and quicker response to relieve the tight supply chains.
- ◆ Quickly manufacture parts for end-use applications, customize the tooling and fixtures required for printing production lines, and replace traditional outward processing.

# ENGINEERING

- ◆ Reduce the time and costs of parts for outward processing, with on-demand printing in the workroom and instant verification.
- ◆ Functional verification for the product design process to achieve the desired development results. Reduce the costs by verifying the design before investing in the molds.

# SERVICE

- ◆ High-fidelity prototype printing with fast delivery and quick response to user needs.
- ◆ Produce low-volume batches of end-use parts for customers with industrial-grade materials.



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# Specifications

Type	<b>Creator 4 - F</b>	<b>Creator 4 - A</b>	<b>Creator 4 - S</b>
Extruder	<b>Extruder - F</b>	<b>Extruder - HT</b>	<b>Extruder - HS</b>
Filament	<b>TPU85A/TPE TPB/TPC</b>	<b>PLA/PETG/PC-ABS/ PAHT/ABS/ASA/PP PA/PC</b>	<b>PACF/PET-CF/PP-CF PA-GF/PC-ABS/PP-GF PPS-CF/PPS</b>
Extruder Type	<b>IDEX</b>	<b>IDEX</b>	<b>IDEX</b>
Nozzle Size	<b>0.4mm</b>	<b>0.4(0.6/0.8)mm</b>	<b>0.4mm</b>
Extruder Temperature	<b>265°C</b>	<b>320°C</b>	<b>360°C</b>
Maximum Chamber Heating Temperature	<b>65°C</b>	<b>65°C</b>	<b>65°C</b>
Build Volume	<b>400*350*500mm</b>	<b>400*350*500mm</b>	<b>400*350*500mm</b>
Printing Speed	<b>100mm/s</b>	<b>200mm/s</b>	<b>150mm/s</b>
Maximum Platform Heating Temperature	<b>120°C</b>	<b>120°C</b>	<b>120°C</b>
Touch Screen	<b>7-Inch touch screen</b>	<b>7-Inch touch screen</b>	<b>7-Inch touch screen</b>
Support Filament Weight	<b>2kg/1kg</b>	<b>2kg/1kg</b>	<b>2kg/1kg</b>



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