



CREATOR 4

Speed up design iteration and productization



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

1.75mm

150mm/s

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

EXTRUDER
HT

Printing for
engineering filament

320°C

1.75mm

200mm/s

PC	PA	PP
PETG	ASA	ABS
PLA	PC-ABS	PAHT

EXTRUDER
F

Printing for
85A flexible filament

265°C

2.85mm

100mm/s

TPU 85A	TPE	TPB
TPC		

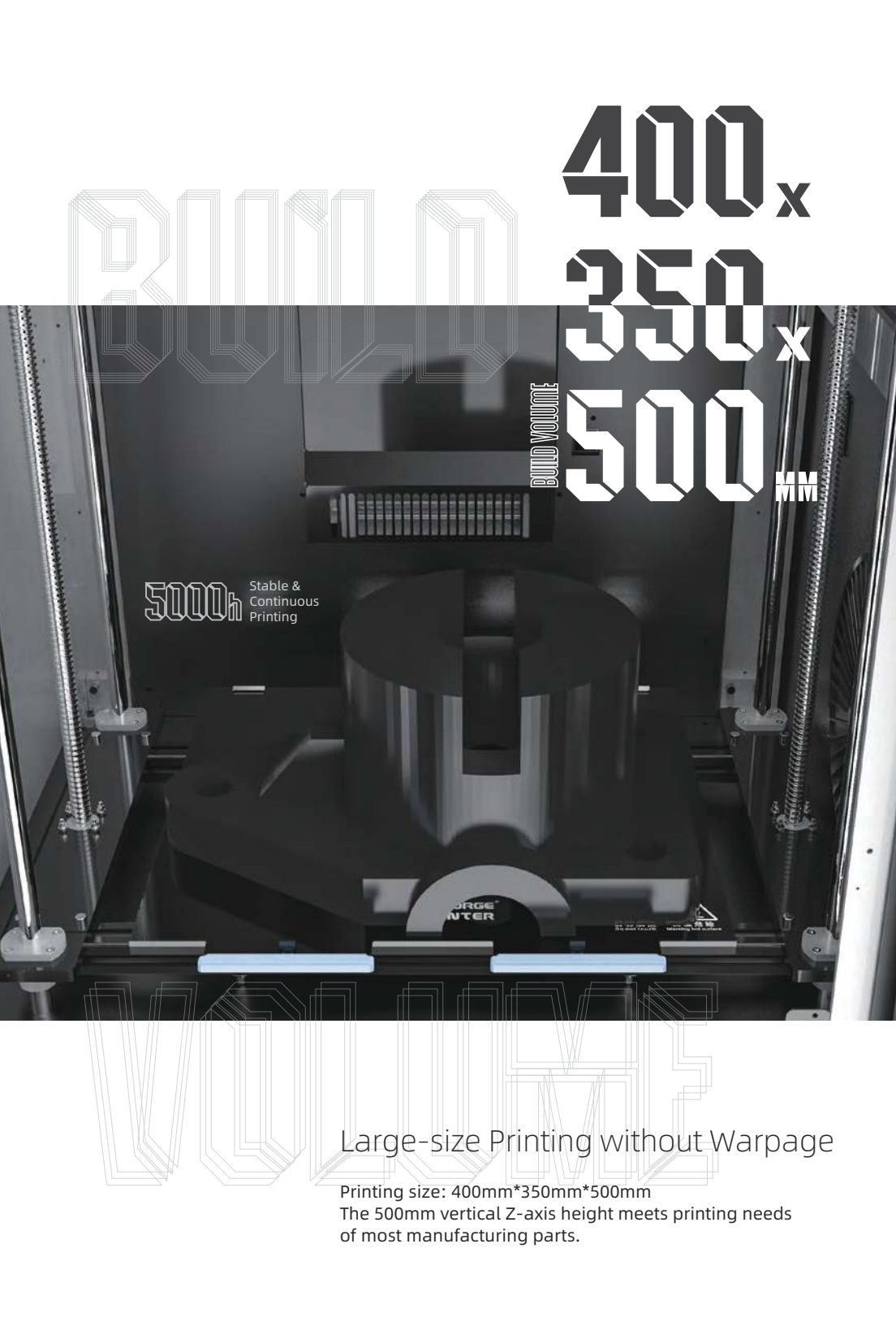




IDEX

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.



400_x

350_x

500_{MM}

BUILD VOLUME

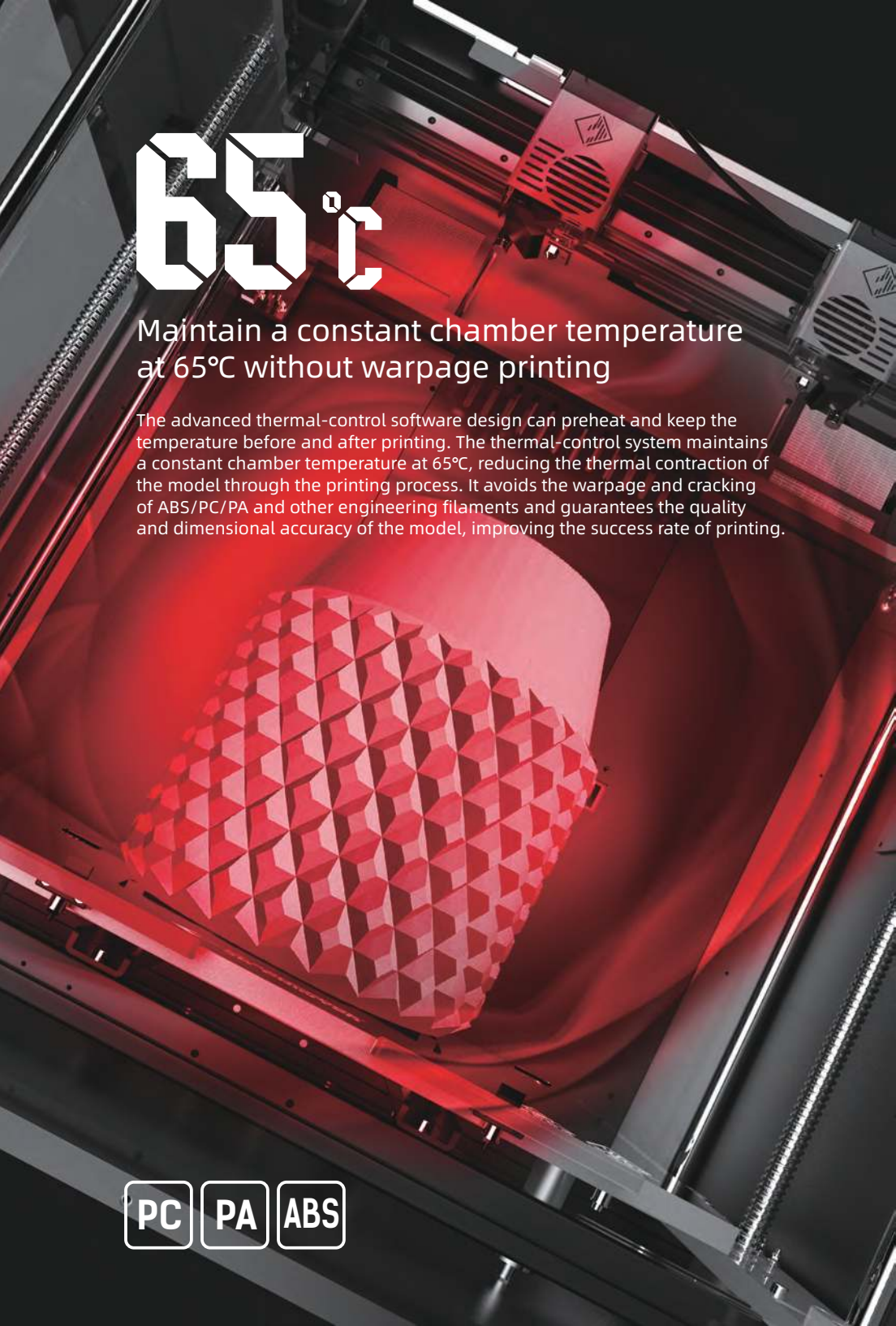
5000h

Stable &
Continuous
Printing

Large-size Printing without Warpage

Printing size: 400mm*350mm*500mm

The 500mm vertical Z-axis height meets printing needs
of most manufacturing parts.

A high-angle, close-up view of a 3D printer's internal chamber. The chamber is illuminated with a strong red light. A large, red, geometric model with a faceted, crystalline surface is being printed. The printer's mechanical components, including the extruder and guide rails, are visible in the background, also bathed in the red light.

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.

PC

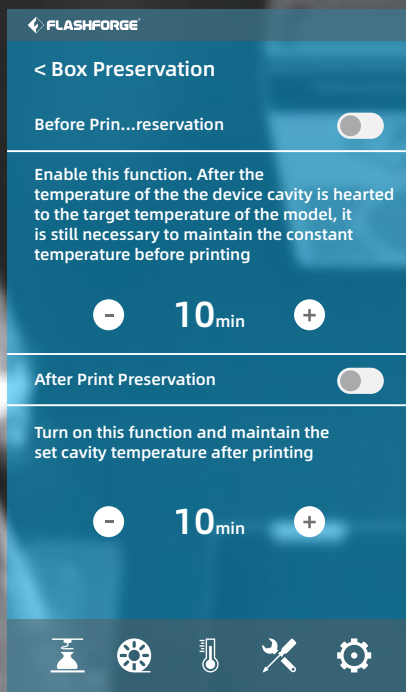
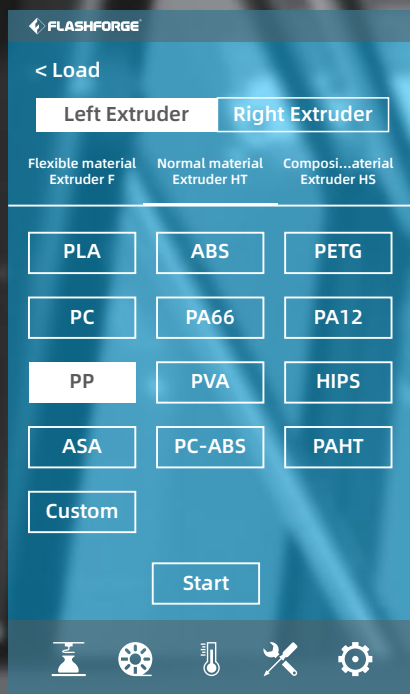
PA

ABS

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.



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.



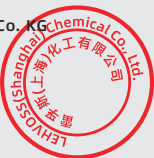
Certificate

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
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20354 Hamburg
Germany



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.

Specifications

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



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