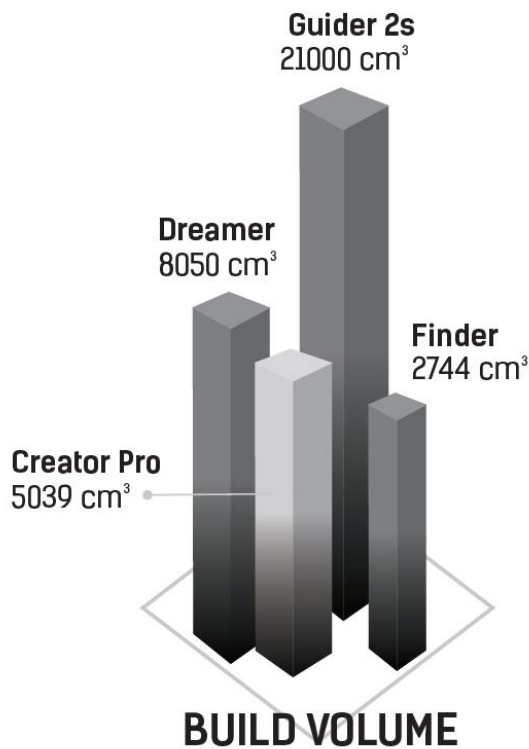


Guider II

FlashForge New Big Size 3D Printer



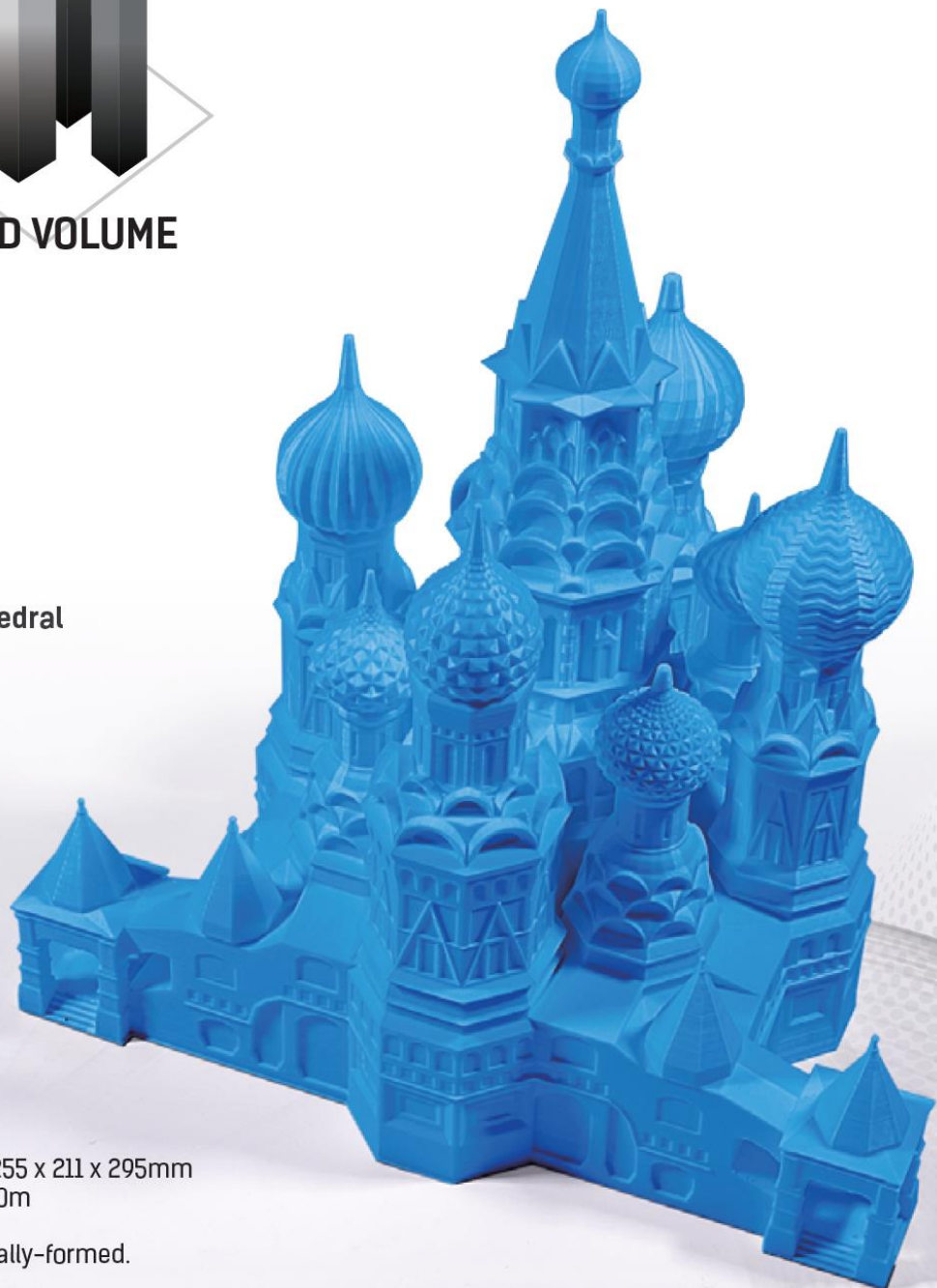


280x250x300 mm

LARGER BUILD VOLUME

Guider II's build volume has reached 280*250*300, which is 68% larger than the previous generation and also many times bigger than other types of printers.

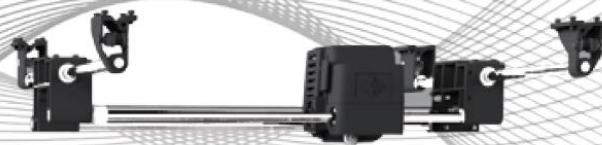
Saint Basil's Cathedral



Printing Dimension: 255 x 211 x 295mm
Filament Amount: 240m
Model Weight: 698g
* This model is integrally-formed.

PRECISE PRODUCT STRUCTURE AND STRICT MANUFACTURING TECHNOLOGY

Guider IIs is a massive & industrial 3D printer, with an all-metal frame design. Guider IIs is stable and durable without shakiness. In order to ensure the perfect display of high precision, Guider IIs's key moving parts are all analyzed and calculated by mechanical modeling and computer simulation. With CNC machine processing, Guider IIs has the latest reliable structure and operates with ultimate accuracy.



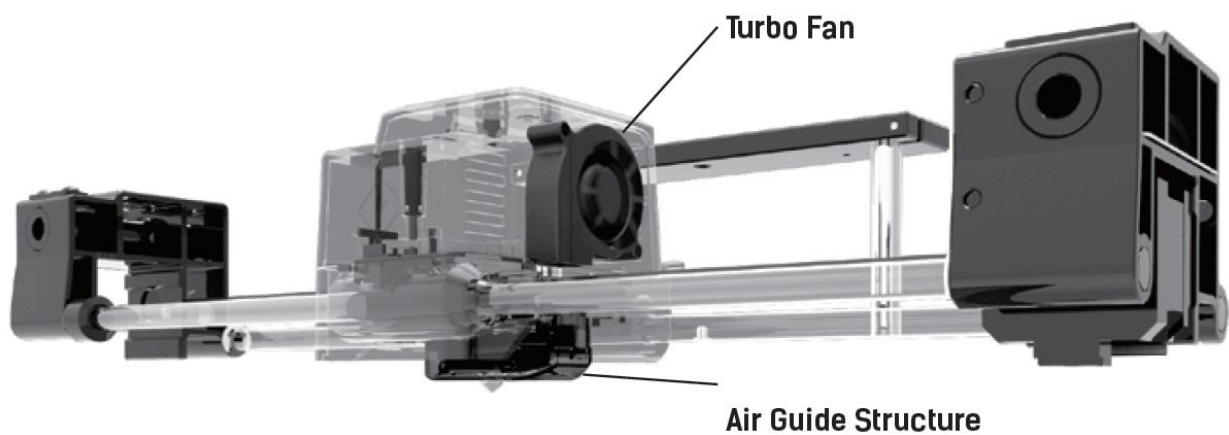
**X/Y Axis Component and Extruder Component
Processed by CNC**



Z Axis Component Processed by CNC



All Metal Body Frame



**PATENTED EXTRUDER STRUCTURE /
TURBO FAN + ANNULAR AIR GUIDE ASSEMBLY**

Patented extruder structure has been upgraded over several generations, making the filament extruding process smooth and steady, fit for extended printing.

Special design: Patented extruder structure / Turbo fan + Annular air guide assembly has been through computer airflow simulation testing, greatly improving the annular air supply effect.

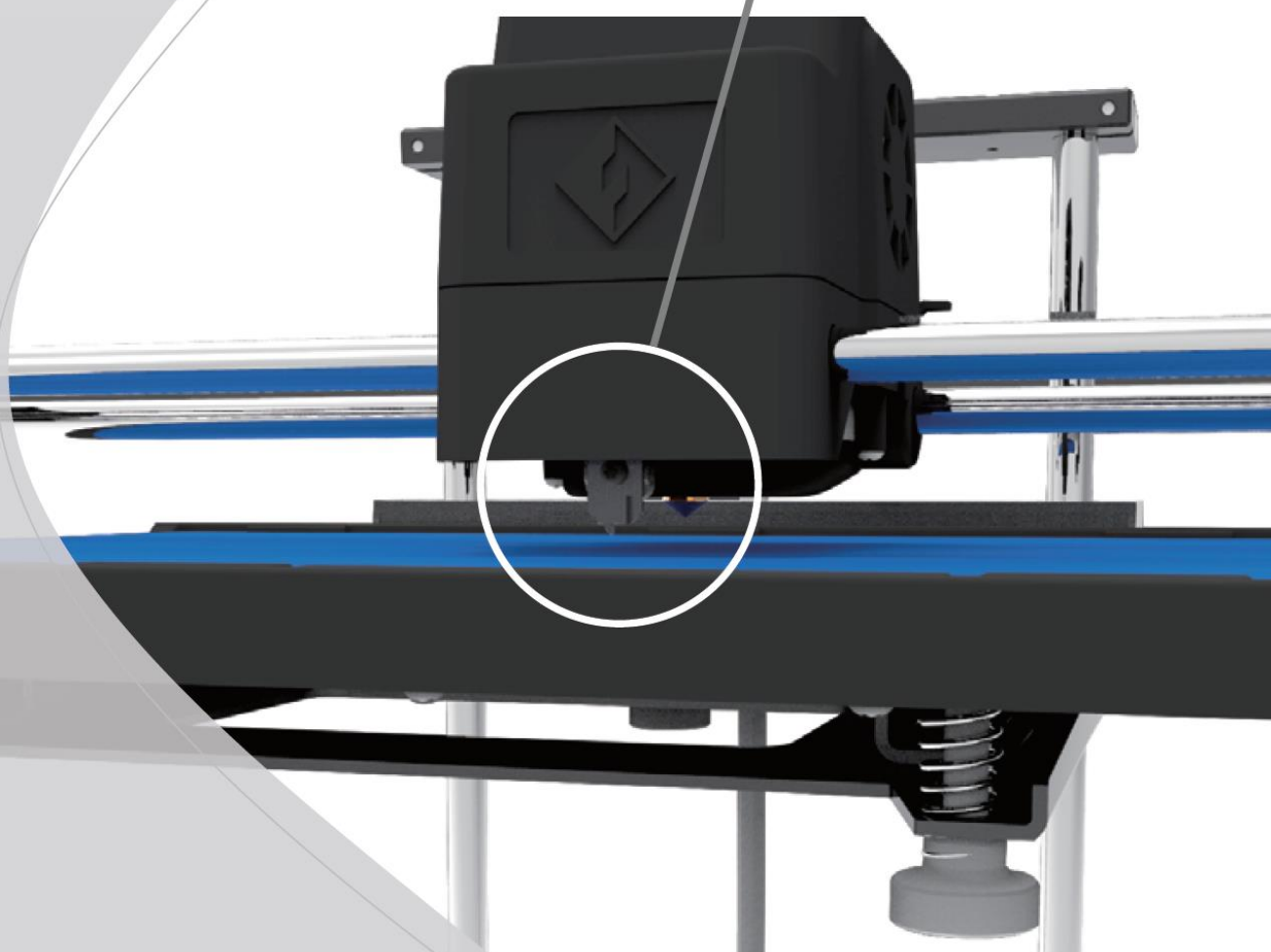
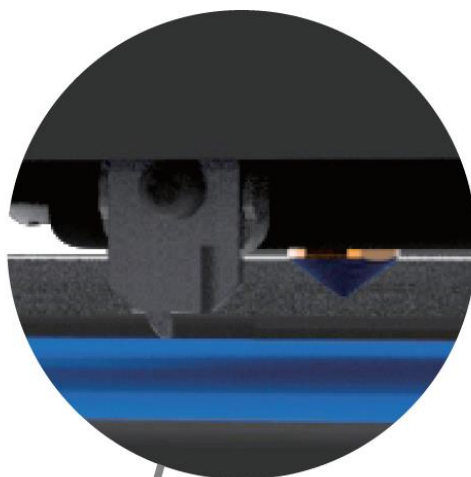


**Air Guide Structure
Supplies Annular Air**

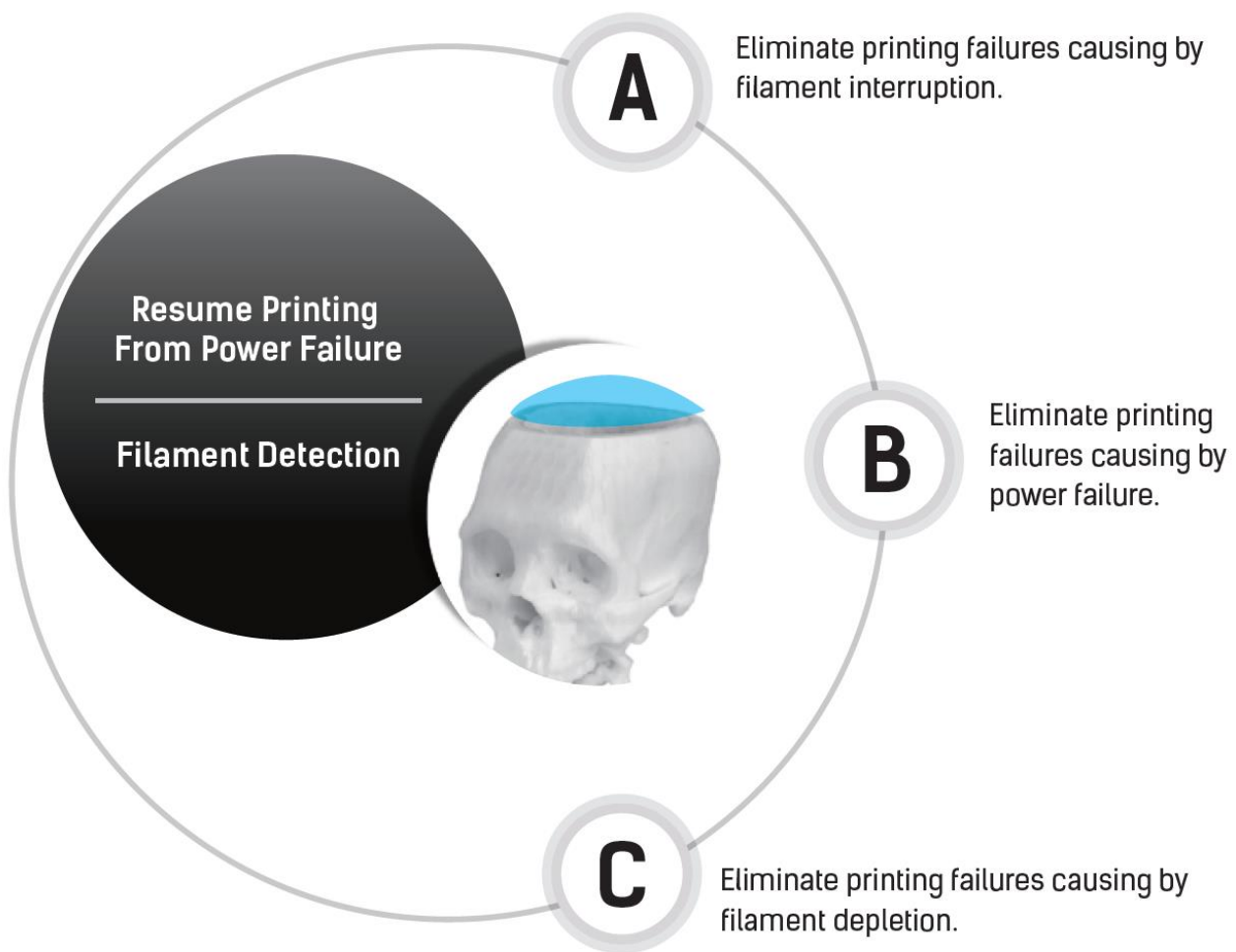
INTELLIGENT ASSISTED LEVELING

Except power failure, filament interruption or depletion is a main cause for large-scale printing failure. Guider IIs has a filament detection function to automatically suspend printing when the filament is interrupted, ensuring your products are not abandoned halfway.

Servo



The filament detection function, together with the "resume printing from power failure" function, help you guard against these uncontrollable forces.

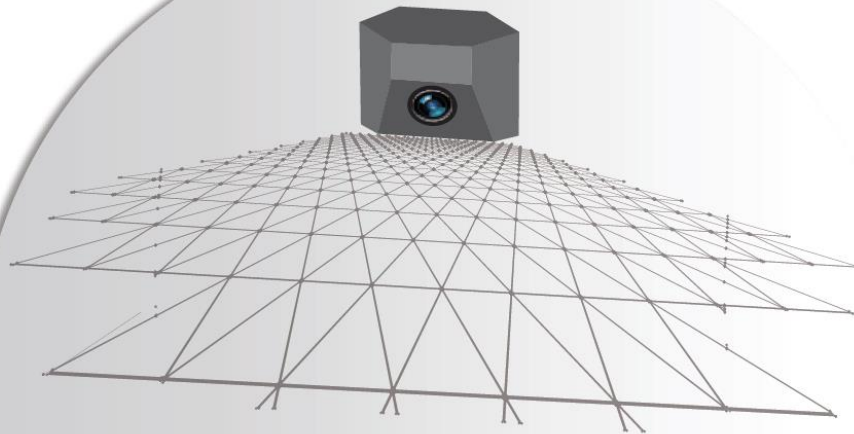


GUARANTEE THE SUCCESS OF LARGE-SCALE PRINTING

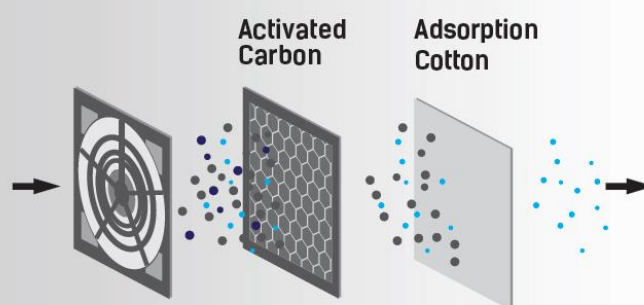
Large models usually need much more time to print; failures occur when printing is interrupted. Guider IIs's resume printing from power failure and filament detection function ensure you success in large-format printing! The resume printing from power failure function allows Guider IIs to restart and continue the interrupted job after power recovery, while filament detection function prevents and eliminates printing failures causing by filament interruption or depletion. Guider IIs will suspend printing automatically after detecting filament feed errors.

BUILT-IN CAMERA

Guider II is equipped with a built-in camera: users can monitor the printing process remotely.

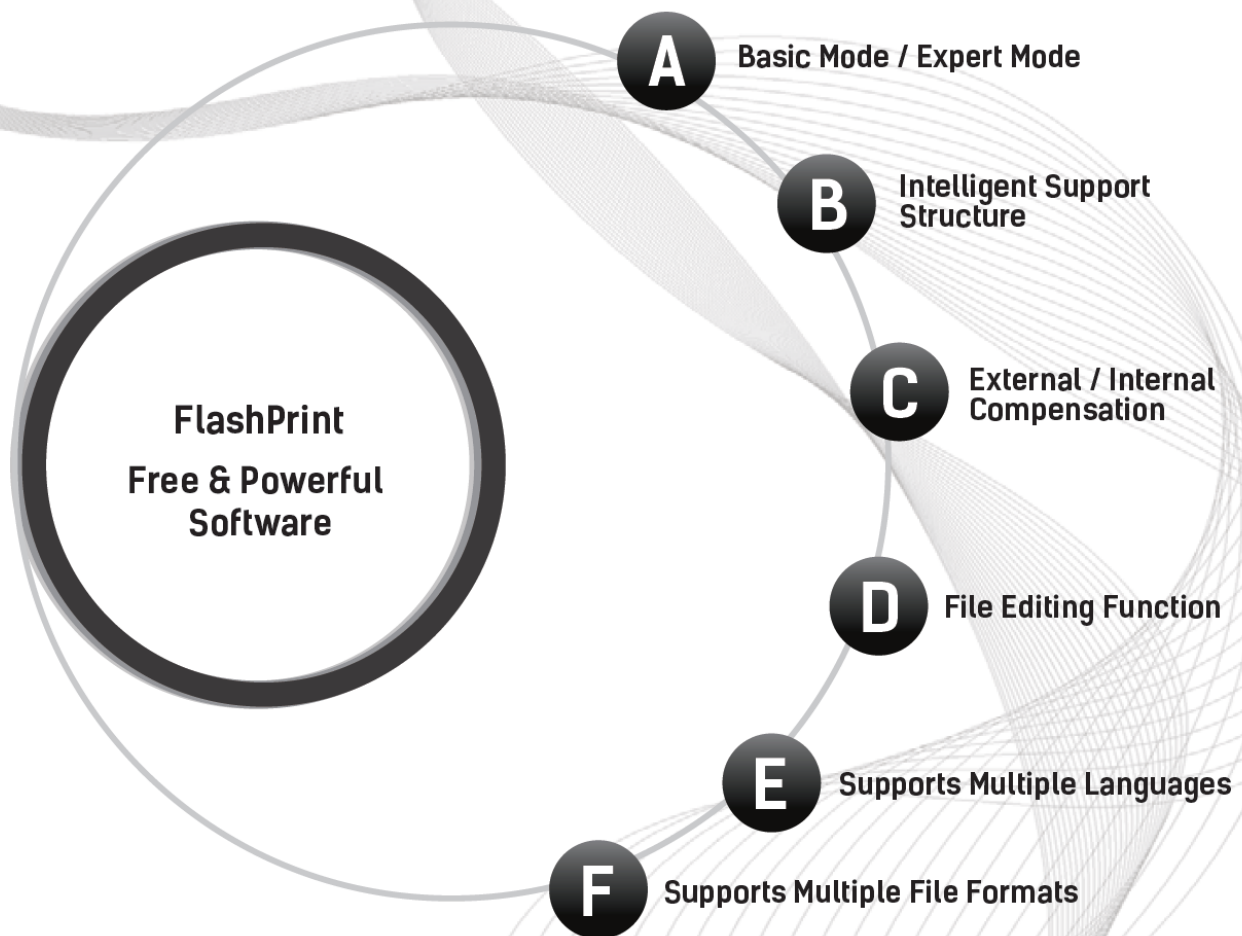


New Upgrade



AIR-FILTER FUNCTION

New Guider II is equipped with an air-filter device on its back, which can filter out harmful dust, making the printing process more safe and assured.



FlashPrint, the mainstream slicing software used by FlashForge, has gained outstanding reviews by media and professionals alike. FlashPrint is independently developed by FlashForge Corporation and is updated monthly. FlashPrint offers beginners a basic mode and offers professionals an expert mode, which allows all users to enjoy the software with greater printing flexibility.

File Edit Function: Convert 2D to 3D, cut large-size model files, one-button control for seal / canister / lamp.

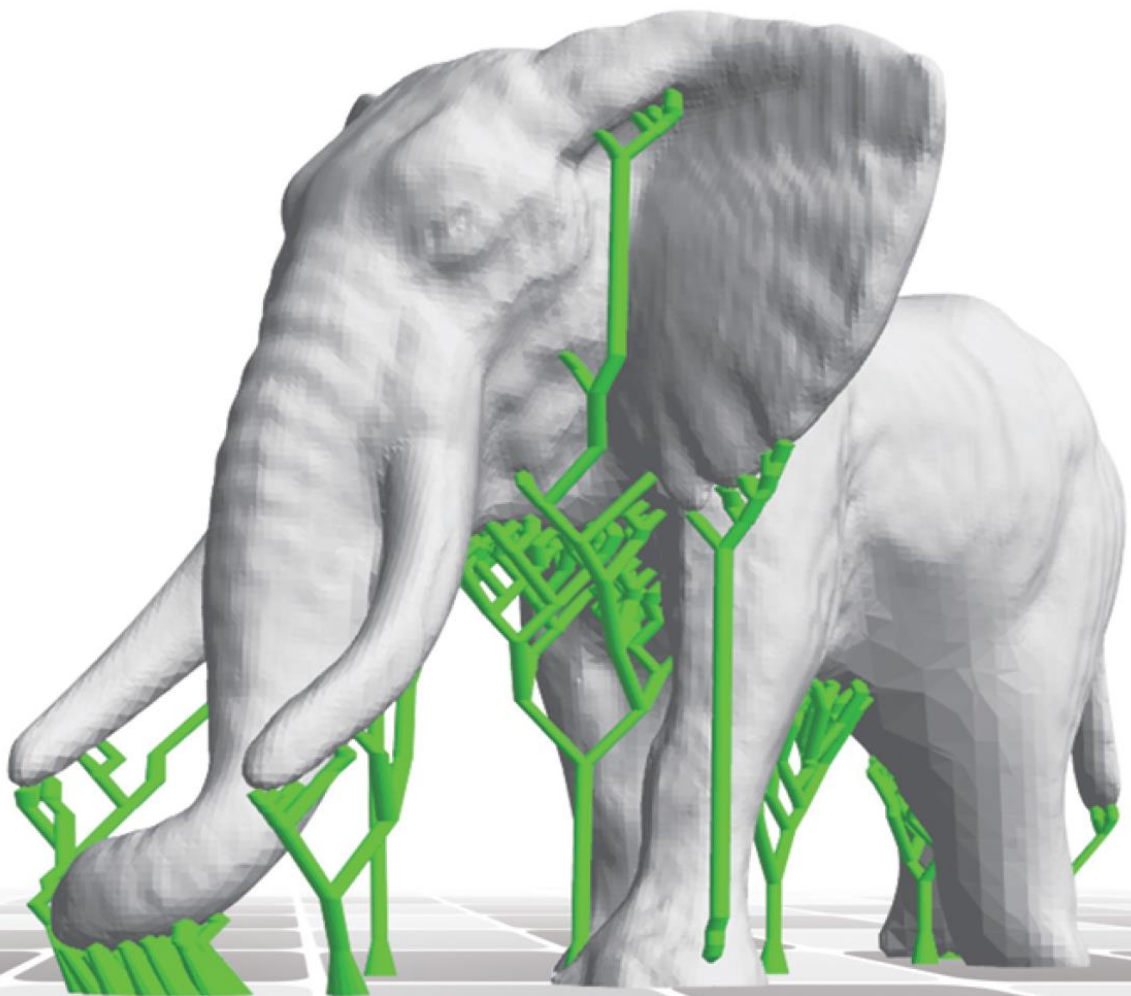
Expert mode: Allows dozens of parameters to be set by the user, meets the needs of professional users in high quality printing.



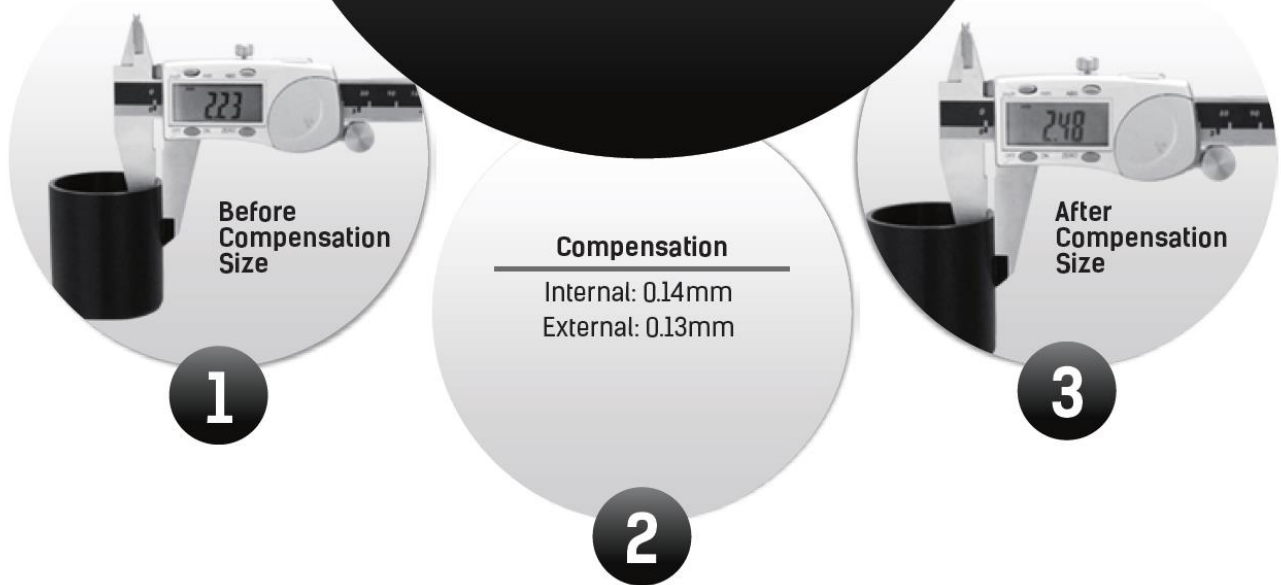
SUPPORT

FlashPrint provides users with two optional support structures—treelike support and linear support—which can be automatically generated by FlashPrint. Also allows users to add and delete support on their own.

Green areas shown in the picture are the tree-like supports.



External / Internal Compensation



1. Apart from errors depending on the printer itself, filament and model shrinkage may also affect the printing quality and accuracy. On a 2.5mm wall-thickness barrel, for example.
2. A first test is ran to determine the actual error value, and then set corresponding software parameters.
3. As a result, the actual print error of the test model is limited to 0.02mm.



PARAMETERS

Extruder	Printing Precision (mm)	Size (mm)	Package Size (mm)	Build Volume (mm)	N.W. / G.W. (kg)
1	±0.1-0.2mm	549x490x755	670x615x695	280x250x300	30/38

Extruder Temperature
(Highest)

Support Filament

240℃

ABS/PLA/ElasticFilament/Conductive Filament/TPU/TPE/WoodenFilament/MetalloidFilament
Carbon-FibreFilament/Thermo-VariableFilament

Certification



SAA

FUNCTIONS

Heatable-Platform

Closed-Body

Assisting-Leveling

Resume Printing

Filament-Detection

Touch Screen

Video Monitor

WiFi

USB Stick Interface

Ethernet

Models Preview

Support Multiple Languages: Simplified/Traditional Chinese / English / French
Spanish / Russian



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flashforge 3D printer

 **FLASHFORGE CORPORATION**

Tel : +86 579 82273989 Web : www.flashforge.com
Add : 2/F, No.518, Xianyuan Road, Jinhua, Zhejiang, China