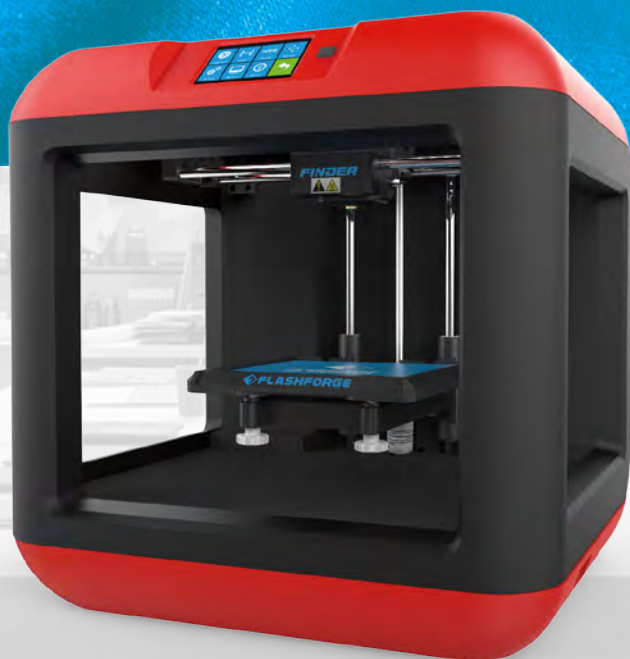




THE NEW FINDER



Support
3D Cloud



Patent
Extruder
Structure



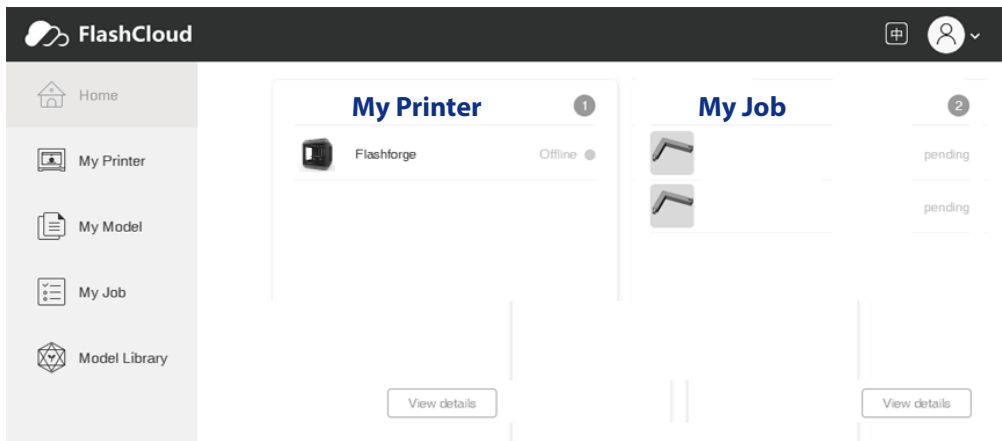
Professional
Slicing
Software





3D Cloud

3D Cloud is an online platform, achieving Cloud management for 3D printers and the uploading and storage of 3D printing files, providing a massive model database. Together with the social sharing function, 3D Cloud is an integral 3D printing resource platform. In the future, 3D Cloud will add an online model design/modify function, support online printing status checks with a linked camera, and support cell phone Apps to achieve mobile cloud management. Please enter the "3D Printing+" era together with FlashForge!



- **Online Batch Management:**

Files to print transferred from Cloud to printer. Monitor printing progress and status in real time. Manage hundreds of printers easily and in an orderly fashion.

- **File Backups and Sharing in the Cloud:**

Online registered user has own storage space. Files to print can be viewed after being uploaded to the 3D Cloud, avoiding lost files. Files to print are shared and showed in a public platform where user can search, download, and print the models needed.

- **Cloud Slicing Function:**

Files to print are sliced in the Cloud automatically, then transferred to printer by one click.

- **Free Model Database:**

3D Cloud provides a free model database.

- **Social Sharing Function:**

Support likes, comments, or sharing, providing a platform for user interaction and discussion.

THE NEW FINDER

Getting started in 3D printing with Finder is much easier and more affordable than ever. It is capable of printing right out of the box with few tweaks. All the heated elements are protected from touch, and the printing material is non-toxic PLA. Now Finder upgraded FlashCloud, support STL.file upload and download. Batch management of equipment is so easy with FlashCloud. Users can modify the printing speed and temperature in the process of printing. Finder is the perfect starter 3D printer for families, schools as well as novice users.

Fruity Design

No angular modeling industrial design, no edges and corners, no high temperature components and wires.

Filament Built-in Design

Support FlashCloud

STL.file upload and download and implement batch management of equipment is so easy with FlashCloud.

Touch Screen

3.5-inch touch screen supports instant previews.

Patented Extruder Structure

Better quality by using cooling fan, greatly lower risks of extruder jams.

Intelligent Assisted Leveling

Can be easily leveled according to the accurate prompts on the LCD panel.

Multiple Connectivity

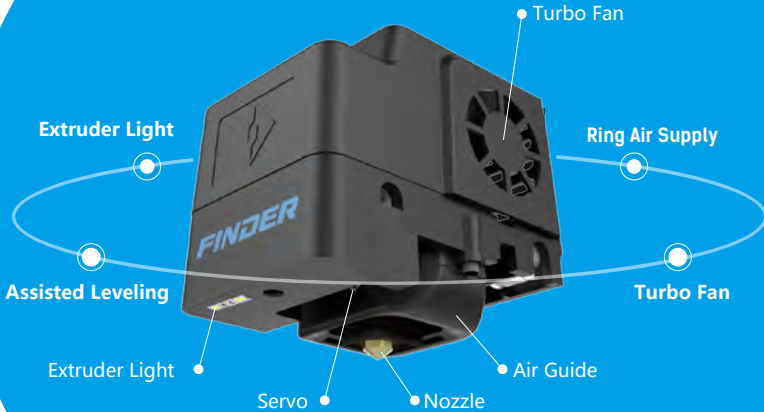
Support USB stick, USB cable and Wi-Fi connection.

Removable Platform



Patent Extruder Structure Designing

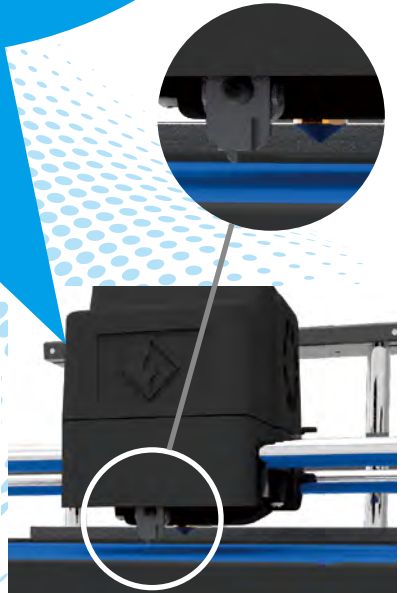
The patented nozzle structure has been upgraded several times and the wire is more even and smooth, which all improve the surface quality of model.



With good flowability, PLA must be cool down quickly to get great printing quality. FINDER innovative four-sided annular air supply structure make sure air blows every side of printing model to get better surface.

Intelligent Assisted Leveling System

Precise leveling can improve printing quality definitely. The accurate distance between platform and nozzle can be detected by FINDER leveling servo. Only follow the instruction on the touch screen, beginner can leveling well.





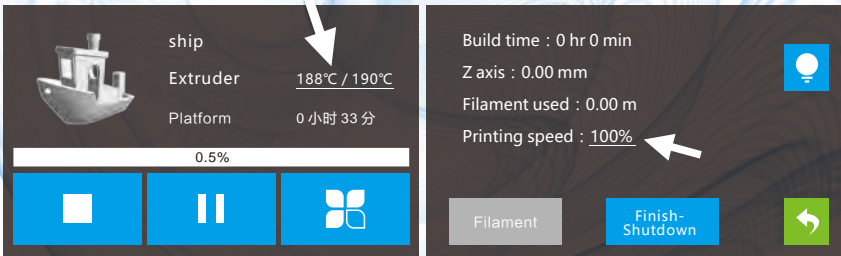
Slide-in Build Plate. Easier 3D Prints Removal.

Slide-in build plate allows you to draw it out of the printer and then remove the finished 3D prints more easily. At same time, it can minimize damages or offsets to the build plate.



Easy-to-Use With Touch Screen

Almost operation can be done with touch screen, including preheat, filament load and unload, calibration, change operation language, and so on. Instant review improves work efficiency effectively. Multilingual operating interface with built-in multiple language packages.



Now Finder supports simplified/Traditional Chinese, English, Japanese, Germany, French, Portuguese, Spanish and Arabic.

* The parameter with underlined can be clicked to set up!





- 10db : The Sound of Blossom
- 20-40db : The Whispering in the Library
- **Finder's Operating Sound Level**
- 60-70db : Noisy Sound

Super Quiet Printing Function

Finder is equipped with super quiet printing designing, the sound of operation is low to 50 decibels, provide a quiet printing experience for colleague and family!

SOFTWARE

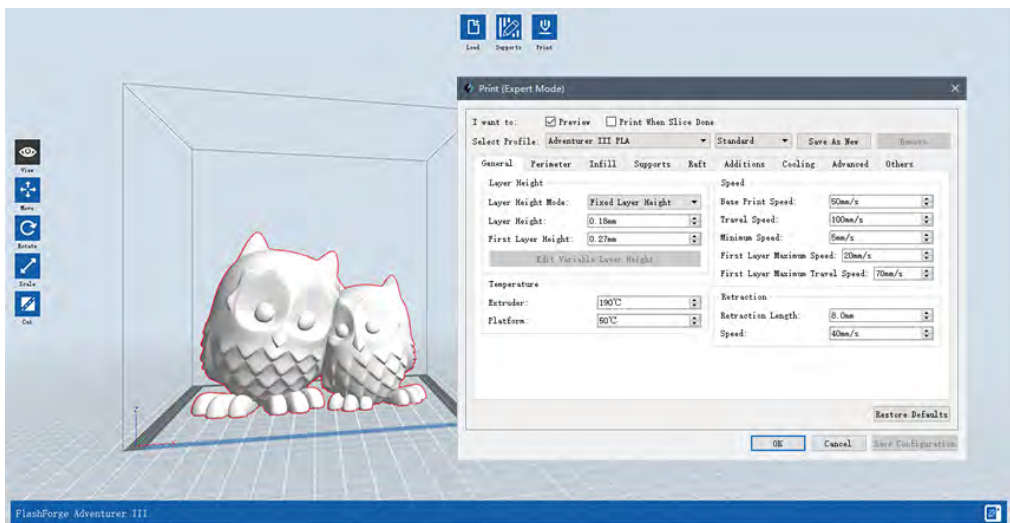
Efficient Slicing Software

Monthly Updates / Intelligent Operation / Professional Finish

FLASHPRINT

FlashPrint, the mainstream slice software used by FlashForge, has garnered outstanding reviews by the media and professionals. The software further offers an expert mode, which allows dozens of parameters to be set by the user, for greater printing flexibility.

Flashprint is a slicing software developed by Flashforge Cooperation independently, it has independent copyright and software certificate, guaranteed the sales rights and interests of global distributors efficiently. Flashprint has kept on an updating once a month since first released on June 2014, thus rapidly meets the needs and suggestions of customers. Due to its stability and usability, Flashprint has gained outstanding reviews and credits by the market among all the global free slicing softwares. For now, all the Flashforge 3D printers on sale have all equipped with this powerful Flashprint software.



View Switch

Scale

Move

Cut

Rotate

Auto Supports

Manually Add Supports

Intelligent Supports Manually

Delete Supports

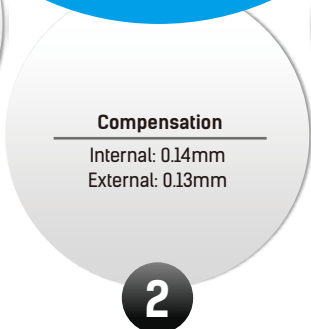
Convert Image to Seal

Convert Image to Sculpture

Convert Image to Pen Container

Convert Image to Lampshade

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.

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.

* The green part of the model schematic diagram is the tree shaped support structure automatically generated by the system



PLA PARAMETERS

	ISO	Test Condition	Typical Values	Units
Tensile Strength	ISO 527	50mm/min	60	MPa
Elongation	ISO 527	50mm/min	6	%
Flexural Strength	ISO 178	2mm/min	90	MPa
Flexural Modulus	ISO 178	2mm/min	3000	MPa
Impact Strength IZOD notched	ISO 180	4mm, 23°C	4	kJ/m ²
Heat Distortion Temp.	ISO 75	1.8MPa, 6.4mm	60	°C
Melt Flow Rate	ISO 1133	190°C, 210kg	6	g/10min
Density	ISO 1183	23°C	1.23	g/cm ³
Mold Shrinkage	ISO 294	23°C	0.4-0.6	%

Finder support FlashForge 0.6kg 1.77mm PLA, Copper PLA, TPU Filament.
Multicolor can be choose, including yellow, blue, red, green, orange, purple,
skin color, silver and golden.



Finder

Upgrade Function :

- ◆ Add LED light under the extruder, more soft and not feel harsh.
- ◆ Use paper protective cover instead of foam cover.
- ◆ Support Flashcloud.
- ◆ Support adjustment of printing speed and temperature in the printing process.

Extruder	1
Printing Precision	±0.1 mm
Locating Accuracy	X/Y Axis : 0.011 mm ; Z Axis : 0.0025 mm
Layer Height	0.05~0.4 mm
Build Volume	140 x 140 x 140 mm
Nozzle Width	0.4 mm
Print Speed	30-150 mm/s
The Highest Nozzle Temperature	240°C
Filament Width	1.75mm (±0.07mm)
Support Filament	PLA , other filament based on PLA
Power	Input:DC24V 2.71A 65W
Size	420*420*420 mm
Package Size	500*485*510 mm
N.W.	9 kg
G.W.	13.8 Kg
Software	FlashPrint
Software Language	Simplified Chinese, Traditional Chinese, English, French, Russian, Italian, Japanese, Korean, Czech
Language	Simplified Chinese, Traditional Chinese, English, French, Deutsch, Czech, Italina, Spanish, Arabic, Portuguese
File Types	Input: 3MF/ STL / OBJ / FPP / BMP / PNG / JPG / JPEG ; Output: GX/G
Connectivity	USB Cable / USB Disk / WiFi
Certification	CE / FCC / RoHS
Working Temperature	20-30°C
Operating System	Win xp/Vista/7/8/10、 Mac OS、 Linux
Supporting Slicing System	simplify3D 3.0, Slic3r, Skeinforge, Cura (Need Set Up)
Intelligent Assisted Leveling	√
Removable Platform	√
Super Quiet Printing Function	√
Touch Screen	√
WiFi	√
USB Disk	√
3D Cloud	√



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