



FLASHFORGE Guider 3 Bigger, Lighter and More Worry-free User Manual

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FLASHFORGE Guider 3 Bigger, Lighter, and More Worry-free



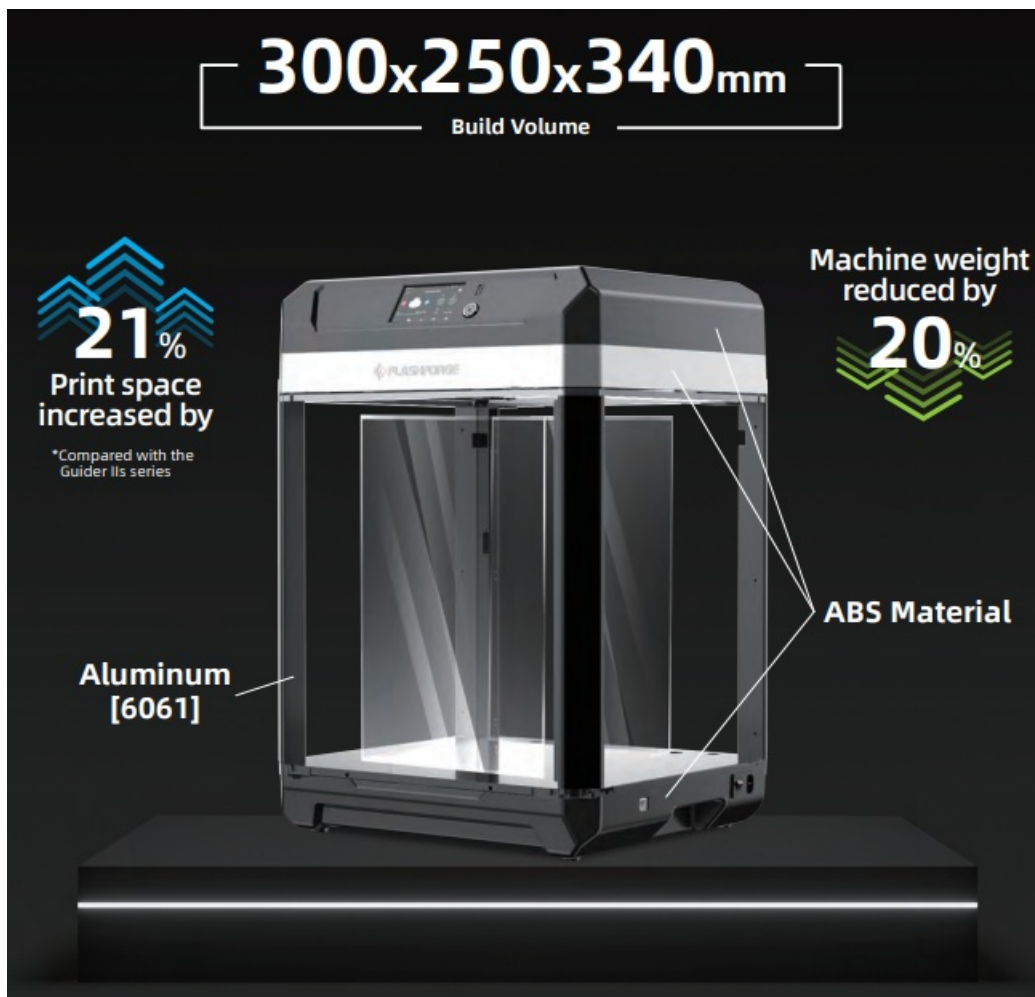
Guider 3

As a new generation of lightweight 3D printer, Guider 3 has characteristics such as larger print space ratio and convenient nozzle replacement. Equipped with the dual build plate options, quick-disassembly nozzle, HEPA 13 air filter, remote monitoring and other functions, it provides intelligent and convenient printing experience for education, small enterprises and individual users, making it a cost-effective choice for small batch production applications.



Lightweight Printer Larger Print Space

- Compared with the Guider II series, Guider 3 features larger print space and lighter equipment weight.
- The entire frame adopts aluminum structure, and the enclosure adopts lightweight and durable ABS and acrylic sheets. On the premise of ensuring stability, this realizes the lightweight design from the inside out, and maximizes the use of the internal space as well, thus increasing the build volume.
- The bigger and lighter Guider 3 meets users' diversified printing needs and daily use.



For Small Batch Production

- The lightweight equipment and the powerful production management system ensure 24/7 stable and continuous printing during the production and development process.

Integrated Equipment Management System

- FlashPrint 5 enables multi-machine joint control and integrated device management in small batch production.

Real-time Monitoring of the Printing Process

- With the camera equipped, the printing process and status can be monitored in real time easily through FlashPrint 5 and UI interfaces.

Power Loss Recovery System

- It can save the printing state in the event of an unexpected power failure and continue printing after the power is restored.

Open Material System

- The 320°C high-temperature extruder is compatible with ABS/PLA/PC/PA/HIPS/ASA PETG/PA-CF, etc., and

supports third-party materials, suitable for various applications.

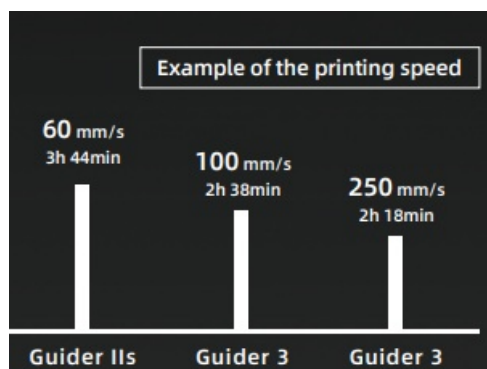


Faster Delivery Capacity Offering Higher Production Efficiency

- With the CoreXY structure adopted, Guider 3 supports high-speed printing of up to 250mm/s, realizing efficient production. Under the same conditions except speed, one Guider 3 can save about 30%-50% of the printing time. When in the small batch production mode, quick delivery can be completed, which greatly improves the efficiency.

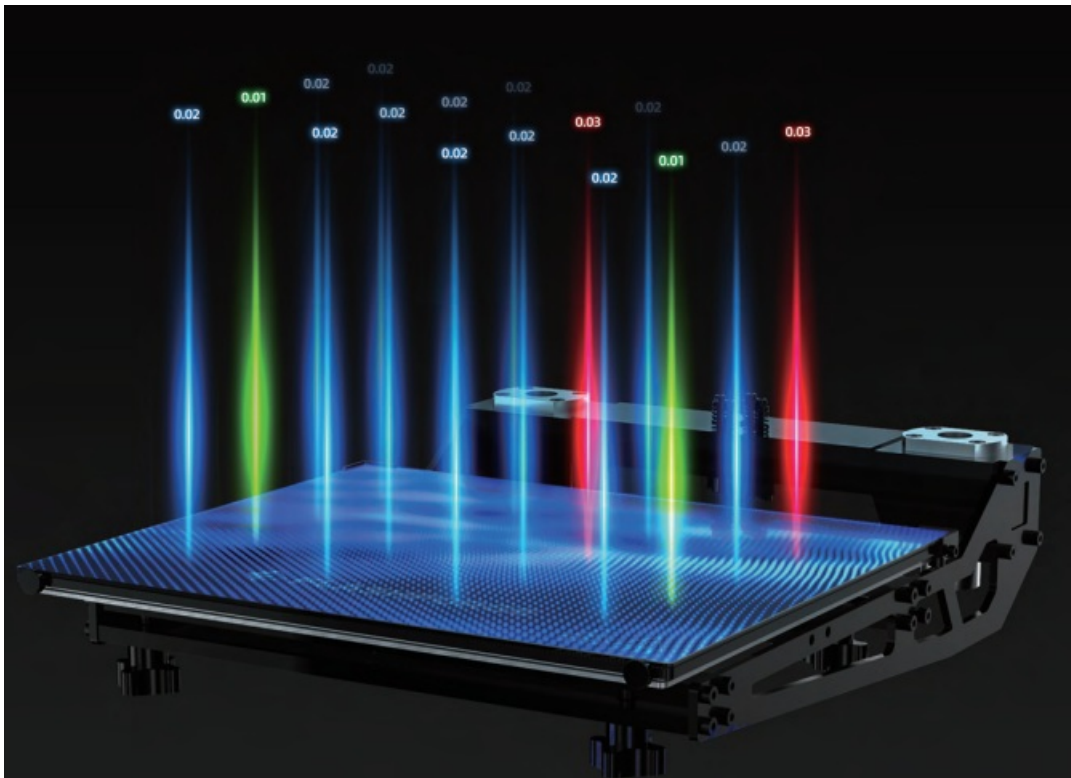
Example

- **Material:** PLA; Layer Thickness: 0.2 mm
- **Model Size:** 136x136x27 mm; Infill Density: 40%



More Convenient

- **Leveling System**
- Leveling is the first step to start printing, and the flatness of the build plate is crucial to the success and quality of printing.
- Guider 3 optimizes the automatic leveling system + auxiliary leveling to ensure your leveling operation in all directions.
- More worry-free leveling: Operate according to the system screen, which is clear at a glance. The high-sensitivity and inductive proximity sensor detects and saves the initial flatness data of the horizontal platform, and intelligently compensates the platform height through Z-axis during the printing process to realize automatic leveling.



Dual Platform Options for Individual Needs

- Guider 3 offers two different platform options: glass platform and flexible steel plate platform. Thus, users can make personalized choices according to their needs when printing different filaments, which makes it suitable for diversified print scenes. Optimized platform design, realizing quick replacement within 30s; Uniform 110°C-heating over the whole format, offering better printing effects

Glass Platform

- The smooth and flat surface makes it easy to remove models with a shovel or scraper, saving time and efforts.



Flexible Steel Plate Platform

- The removable magnetic platform is easy to bend, which makes it easy to remove large models.

Quick-disassembly Nozzle

- Suitable for various filaments, the double-gear extrusion structure design increases the filament feeding force by 150% and causes less clogging situations.
- The quick-disassembly nozzle, with multiple diameter options, is easy to replace and maintain, and can meet various use requirements.



Parameters


Extruder Quantity	1
Printing Precision	±0.15 mm
Positioning Accuracy	X/Y-axis 0.011 mm / Z-axis 0.0025 mm
Layer Thickness	0.05 ~ 0.4 mm
Build Volume	300 x 250 x 340 mm
Nozzle Diameter	0.4 [0.4/0.6/0.8 mm]
Nozzle Type	Stainless steel nozzle
Printing Speed	10 ~ 250 mm/s
Maximum Extruder Temperature	320 °C
Maximum Platform Temperature	110 °C
Supported Filament	ABS / PLA / PC / PA / HIPS / ASA / PETG / PA-CF PETG-CF / PETG-GF
Power Supply	AC100-240V / DC24V / 20.8A, 500W
Slicing Software	FlashPrint
Input/Output File Format	Input: 3MF / STL / OBJ / FPP / BMP / PNG / JPG / JPEG Output: GX/G file / Gcode
Connectivity	USB flash drive / Ethernet / Wi-Fi
Compatible Operating System	Windows XP / Vista / 7 / 8 / 10 / Mac OS
Compatible Slicing Software	Slic3r / Cura [need setting]
Smart Touch Screen	4.3-inch
Build Plate	Flexible steel plate platform / glass platform
Other functions	<div> <input checked="" type="checkbox"/> Fully-enclosed Design <input checked="" type="checkbox"/> Power Loss Recovery </div> <div> <input checked="" type="checkbox"/> Auxiliary Leveling <input checked="" type="checkbox"/> Remote Video Monitoring </div> <div> <input checked="" type="checkbox"/> Filament Run-out Reminder <input checked="" type="checkbox"/> Air Filter Net </div> <div> <input checked="" type="checkbox"/> Removable Build Plate <input checked="" type="checkbox"/> Cloud Platform </div> <div> <input checked="" type="checkbox"/> Ultra-silent Design </div>

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Documents / Resources

	<p>FLASHFORGE Guider 3 Bigger, Lighter and More Worry-free [pdf] User Manual Guider 3 Bigger Lighter and More Worry-free, Guider 3, Bigger Lighter and More Worry-free, Li ghter and More Worry-free, Worry-free</p>
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