



Adventurer 5M Pro 3D Printer – Based on Flashforge Technology

Data sheet

Summary

- ✓ Based on Flashforge Adventurer 5M Pro
- ✓ Print speed up to 600 mm/s
- ✓ Automatic one-click bed leveling
- ✓ Enclosed design for a stable print environment
- ✓ Dual air filters (HEPA + activated carbon)

Product description

Gilford Adventurer 5M Pro – high-performance 3D printing with proven technology

Gilford Adventurer 5M Pro is a powerful and user-friendly 3D printer, based on the established Adventurer 5M Pro platform from Flashforge. It combines high print speed, precision and easy handling in a compact, enclosed system.

With support for print speeds up to 600 mm/s and acceleration of 20 000 mm/s², the printer enables efficient production of both prototypes and finished parts.

Advantages

- Based on Flashforge Adventurer 5M Pro
- Print speed up to 600 mm/s
- Automatic one-click bed leveling
- Enclosed design for a stable print environment
- Dual air filters (HEPA + activated carbon)
- Integrated camera with remote monitoring and time-lapse
- Flexible PEI build plate
- Filament sensor and resume print after power loss
- Support for WiFi, Ethernet and USB

Efficient and easy to use

The printer is delivered mostly preassembled and can be set up in about 10 minutes. Automatic leveling ensures correct calibration without manual adjustments, which reduces the startup effort and simplifies use.

Stable print quality at high speed

The enclosed design together with precise temperature control enables stable printing in materials such as PLA, PETG, ABS, ASA and TPU. The high max speed makes the printer suitable for both rapid prototyping and small-scale series production.

Improved working environment

The integrated filter system with HEPA and carbon filter helps reduce particles and odors during printing. The noise level is kept low, which makes the printer suitable for offices and educational environments.

Specifications at a glance

- Build volume: 220 × 220 × 220 mm
- Layer height: 0.1–0.4 mm
- Accuracy: ±0.1 mm
- Max speed: 600 mm/s
- Max acceleration: 20 000 mm/s²
- Nozzle: 0.4 mm (standard)

- Max temperature: 280 °C
- Connectivity: WiFi, Ethernet, USB
- Screen: 4.3" touch
- Weight: 14.6 kg

Areas of use

- Product development and prototyping
- Education and technical environments
- Makers and advanced users

Gilford Adventurer 5M Pro offers a well-balanced combination of performance, ease of use and reliable technology.

Technical Specification Matrix

Header

Manufacturer	Gilford
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Printing

Printing material	ABS, ASA, PETG, PLA, Polyethylene terephthalate glycol-carbon fiber (PETG-CF), Polylactic acid-carbon fiber (PLA-CF), Thermoplastic polyurethane (TPU)
Layer thickness (min)	0.1 mm
Filament thickness supported	1.75 mm
Layer thickness (max)	0.4 mm
Maximum build size (WxDxH)	220 x 220 x 220 mm
Print technology	Fused Deposition Modeling (FDM)
Number of print heads	1
Number of printing colours	1

Performance

Viewing window	Yes
Built-in display	Yes
Display diagonal	4.3 "
Display technology	LCD
Touchscreen	Yes
Product colour	Black
Model file formats supported	3MF, obj, stl
Control type	Touch
Heated print platform	Yes

Maximum print platform temperature	280 °C
Levelling mode	Full-auto levelling
Country of origin	China
Air purifying	Yes

Scanning

3D scanner	No
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Engraving

Engraver module	No
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Ports & interfaces

Ethernet LAN	Yes
USB port	Yes
Wi-Fi	Yes
Card reader integrated	No

Power

AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Packaging data

Package width	460 mm
Package weight	19000 g
Package depth	480 mm
Package height	530 mm

System requirements

Windows operating systems supported	Yes
Mac operating systems supported	Yes

Weight & dimensions

Width	380 mm
Depth	400 mm
Height	453 mm
Weight	14600 g