

Bambu Lab AMS 2 Pro Automatic Material System

LKR 196,597.20



*The filaments in the picture are sold separately

- **6-Month Warranty Included** for worry-free operation.
- **4-Spool Automatic Material System** – Easily switch between up to 4 filaments for multi-colour and multi-material printing.
- **Active Filament Drying up to 65°C** – Helps reduce moisture-related printing

issues and keeps compatible filaments ready to print.

- **Sealed Storage & Moisture Control** – Protects filament from humidity while actively managing moisture inside the system.
- **Fast & Reliable Automatic Feeding** – Brushless servo-driven feeding with ceramic filament inlets for smooth, consistent filament handling.

Bambu Lab AMS 2 Pro Automatic Material System

Make multi-colour and multi-material 3D printing much easier with the **Bambu Lab AMS 2 Pro Automatic Material System**. It can automatically switch between compatible filament spools during a print, while its RFID support, brushless servo feeding system, and four-spool capacity help keep your workflow smooth and hands-off. It also adds active filament drying up to 65°C, sealed storage, and active moisture discharge, which is particularly useful in humid environments.

For makers who want a cleaner, more automated filament setup, this is far more than a simple spool holder. The AMS 2 Pro supports a wide range of 1.75 mm materials, including PLA, PETG, ABS, ASA, PA, PC and several compatible reinforced materials. With the right Bambu Lab setup, the system can be expanded for up to 24 filaments, giving *Master3D* customers plenty of flexibility for colourful models, functional parts, prototypes and long printing jobs.

Key Specifications

- **Filament Capacity:** 4 filament spools per AMS 2 Pro
- **Filament Diameter:** 1.75 mm
- **Drying Temperature:** Up to 65°C
- **Supported Filaments:** PLA, PETG, ABS, ASA, PET, PA, PC, PVA/BVOH when dried, PP, POM, HIPS, selected Bambu CF materials and TPU for AMS
- **Dimensions & Weight:** 372 × 280 × 226 mm; 2.5 kg

Frequently Asked Questions

1. Q. Does the AMS 2 Pro dry filament?

A. Yes. It provides active drying up to 65°C, along with active moisture discharge and sealed filament storage. Some engineering materials require higher drying temperatures and may benefit from an AMS HT instead.

2. Q. How many filaments can I use with the AMS 2 Pro?

A. One unit holds four spools. Compatible Bambu Lab configurations can be expanded to support up to 24 filaments, depending on the printer, firmware and required accessories.

3. **Q.Can I use any 1.75 mm filament?**

A. Not necessarily. The system supports many common materials, but TPE, generic TPU, damp PVA/BVOH, TPU 95A and certain carbon-fibre or glass-fibre filaments are not supported. Always check material compatibility before loading a spool.

If you're looking to turn compatible Bambu Lab printers into a more automated multi-colour and multi-material setup, the AMS 2 Pro is a practical upgrade that combines filament switching, identification, drying and storage in one compact system. It is especially useful when you regularly change colours, print for long periods, or want your filament ready to go without constantly handling spools.

Specifications

Specification	Details
Brand	Bambu Lab
Model	AMS 2 Pro
Product Type	Automatic Material System
Primary Function	Automatic multi-colour and multi-material filament management
Filament Capacity	Up to 4 filament spools
Maximum Expandability	Up to 24 filaments with compatible configurations
Filament Diameter	1.75 mm
Supported Spool Width	50-68 mm
Supported Spool Diameter	197-202 mm
Filament Drying	Active drying
Maximum Drying Temperature	Up to 65°C
Active Moisture Discharge	Yes
Sealed Filament Storage	Yes
Temperature & Humidity Monitoring	Yes
RFID Filament Identification	Yes, with compatible Bambu Lab RFID-enabled filaments
Filament Feeding System	Brushless servo motor
Filament Inlet	Ceramic

Specification	Details
Filament Tube Access	Tool-free top access
Supported Filament Types	PLA, PETG, ABS, ASA, PET, PA, PC, PVA, BVOH, PP, POM, HIPS and selected fibre-reinforced materials
Power Input	24V / 4A
Connectivity	Bambu Bus
Software Compatibility	Bambu Studio and Bambu Handy
Compatible Printers	Compatible Bambu Lab printers supporting AMS 2 Pro
X1 / P1 Series Compatibility	Additional accessories may be required for certain functions, including drying
Housing Material	ABS / PC
Dimensions	372 × 280 × 226 mm
Net Weight	Approx. 2.5 kg
Package Contents	AMS 2 Pro, desiccant, PTFE tube and Bambu Bus Cable

Disclaimer: Dimensions and weight may vary slightly depending on the production batch, measurement method, packaging or other factors. Product pictures are for reference purposes only, and the actual product may differ slightly in appearance, accessories or configuration. Specifications are subject to change by the manufacturer without prior notice.