CREALITY

Sermoon M500

New Benchmark for Industrial FDM 3D Printers

- 510*510*610mm Build Volume
- Steady & Constant Printing
- 0.6mm Hardened Steel Nozzle
- Remote Monitoring with Camera

Industrial-grade Large Format

510*510*610mm build volume, big enough to print a huge model or a large batch of small-size parts all in one go.

Quality Components for Steady Printing

Ultra stable with XY-axis linear rails and Z-axis ball screws; constant print success with the all-metal direct extruder and 32-bit mainboard.

Compatible with Diverse Filaments

Boasting a heated chamber (≤60℃) and 300℃ high-temp printing, it can handle various engineering-grade filaments with ease.

Convenient Remote Monitoring

Built-in camera and network capability allow real-time remote monitoring via LAN (using Creality Print) or Creality Cloud.

Efficient Prototyping and Verification

0.6mm nozzle together with closed-loop stepper motors slashes the time for prototyping or verification.

Thoughtful Safety Features

Enclosed build, air purifier, status indicator, emergency stop button, and auto shutdown.

Product Name	Sermoon M500	Mainboard	Integrated 32-bit mainboard
Build Volume	510*510*610mm	Connectivity	USB drive, WiFi, Ethernet, USB-C cable
Product Dimensions	950*920*1280mm	Printable File Format	G-code
Net Weight	270kg	Power Loss Recovery	Yes
Gross Weight	310kg	Filament Runout Sensor	Yes
Printing Speed	≤150mm/s	Auto Shutdown after Printing	Yes
Travel Speed	≤300mm/s	Chamber Heater	Yes
Printing Accuracy	100±0.1mm	Air Purifier	Yes
Layer Height	0.1-0.4mm	Camera	Yes
Filament Diameter	1.75mm	Emergency Stop Button	Yes
File Transfer	USB drive, LAN printing, cloud printing	Status Indicator	Yes
Nozzle Diameter	0.6mm (default)	Rated Voltage	220V 50~60Hz
Nozzle Kit	Heatbreak: copper + titanium alloys Nozzle: hardened steel	Rated Power	1600W
Nozzle Temperature	≤300℃	Slicing Software	Creality Print, Cura, Simplify3D
Heatbed Temperature	≤120℃	File Formats for Slicing	STL, OBJ, 3MF, STEP
Extruder	"Sprite" direct drive extruder	UI Languages	English, Chinese
Leveling Mode	Auto leveling	Supported Filaments	PLA, PETG, PET, TPU, PA66, ABS, ASA, PLA-CF, PA66-CF, PET-CF
Display Screen	7" touch screen		