

Fused Deposition Modeling 3D Printer

This 3D printer utilizes Fused Deposition Modeling (FDM) technology to create three-dimensional objects from thermoplastic filaments. The printer features a large build volume and an enclosed chamber for maintaining a stable printing environment.



ADDITIONAL IMAGES



Product Overview

Industrial-Grade Large Scale 3D Printing

This high-speed Fused Deposition Modeling (FDM) 3D printer is engineered for rapid production, operating over 30 times faster than standard desktop units. With a massive build volume of 915 x 610 x 1220 mm, it is ideal for creating large-scale items such as furniture, architectural models, and industrial prototypes. The system is designed for professional environments, including smart micro-factories, educational institutions, and manufacturing facilities.

Performance Metrics

Performance Highlights

200 mm/s
Max Print Speed

1.2 mm
Nozzle Diameter

500 kg
Machine Weight

Technical Specifications

Print Technology	FDM (Fused Deposition Modeling)
Build Volume	915 x 610 x 1220 mm
Layer Thickness	0.3 - 0.5 mm
Positioning Precision	0.010 mm (X, Y, Z)
Supported Materials	PLA

Operational Requirements

Connectivity

- USB
- SD card

Compatible Software

- SolidWorks
- PRO-E
- UG
- Auto CAD
- 3DsMax
- Maya
- Rhino

Power Requirements

95-230V, 50-60Hz, 500-2200W