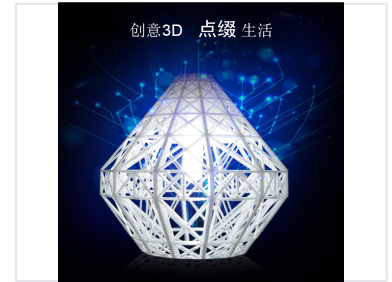
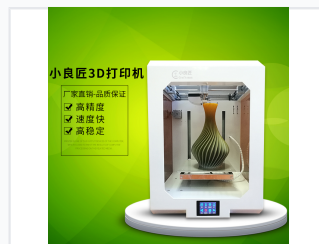
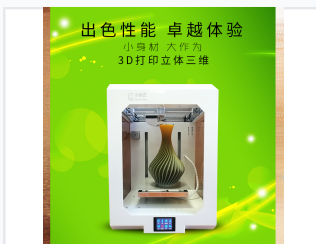


FDM 3D Printer with Heated Bed

This FDM 3D printer utilizes fused deposition modeling technology. It has a build volume of 220 x 220 x 300 mm and supports materials like PLA, ABS and TPU.



ADDITIONAL IMAGES



Overview

Professional FDM 3D Printer

This high-precision FDM 3D printer features a robust sheet metal CNC frame and a triple-axis cross structure for exceptional stability and quiet operation. Designed for reliability, it includes advanced features like power loss recovery, intelligent support generation, and an auto-adjusting filament feeder to handle both rigid and soft materials seamlessly. With a generous 220x220x300mm build volume and intuitive touchscreen controls, it is an ideal solution for prototyping and small-scale production.

Printing Performance

Precision Metrics

0.0128 mm
XY Axis Precision

0.0025 mm
Z Axis Precision

Build Volume	220 x 220 x 300 mm
Layer Thickness	0.05mm - 0.3mm
Printing Speed	40mm/s - 60mm/s

Hardware & Build

Nozzle Specifications

Feature	Value
Structure	Single Head
Diameter	0.4mm
Max Temperature	260°C

Dimensions & Weight

- Machine Size: 390 x 390 x 550 mm
- Packaging Size: 520 x 520 x 680 mm
- Weight: 23 kg

Frame Material	Sheet Metal
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Compatibility

Supported Materials	PLA, ABS, TPU
File Formats	STL, Gcode, dae, amf, bmp, jpg
Software & OS	Cura, PrintRun (Windows, Linux, Mac)

Features

Key Features

Power Loss Recovery • Intelligent Support • Auto-Adjusting Feeder • Touchscreen Interface • Progress Preview

Electrical

Power Requirements	100-220V, 50/60Hz, 300W
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