

TECH SPECS

PRINTING

Print Technology: Fused Deposition Modeling

Build Volume:

24.6 L X 15.2 W X 15.5 H cm [9.7 X 6.0 X 6.1 in]

5796 cubic cm [354 cubic in]

Layer Resolution: 100 microns [0.0039 in]

Filament Diameter: 1.75 mm [0.069 in]

Filament Compatibility:

MakerBot ABS Filament Spool 1 kg [2.2 lb]

MakerBot Dissolvable Filament Spool 1 kg [2.2 lb]

Nozzle Diameter: 0.4 mm [0.015 in]

XY Positioning Precision: 11 microns [0.0004 in]

Z Positioning Precision: 2.5 microns [0.0001 in]

Print File Type: .Makerbot

MECHANICAL

Construction: PVC Panels with Powder-Coated Steel

Build Surface: Heated, Black Anodized 356F Aluminum

XYZ Bearings: Wear-resistant, Oil-Infused Bronze

Stepper Motors: 1.8° Step Angle with 1/16 Micro-Stepping

SOFTWARE

Software Bundle: MakerBot Print Software

Supported File Types: Stl, Obj, Thing, Makerbot

Operating Systems: Windows (7,10), Mac Os X (10.9+), No Linux Support

Connectivity: USB, SD CARD (Both a USB cable and SD Card Included)

ELECTRICAL

AC Input: 100–240 VAC; ~4A; 50–60 Hz; 100W

Power Requirements: 24 VDC @ 9.2A

TEMPERATURE

Ambient Operating Temperature: 15 to 32°C [60 to 90°F]

Storage Temperature: 0 to 32°C [32 to 90°F]

SIZE & WEIGHT

Product Dimensions:

Without Spool: 49 L X 32 W X 53.1 H cm [19.1 X 12.8 X 20.9 in]

With Spool: 49 L X 42 W X 53.1 H cm [19.1 X 16.5 X 20.9 in]

Shipping Dimensions: 60.5 L X 58.4 W X 41.7 H cm [23 X 23.8 X 16.4 in]

Product Weight: 12.6 kg [27.8 lb]

Shipping Weight: 17.8 kg [39.25 lb]

