

## SPECIFICATIONS

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### PRINTING

Print Technology:	Fused Filament Fabrication
Build Volume:	11.2 L x 6.0 W x 6.1 H in [28.5 x 15.3 x 15.5 cm]
Layer Resolution Settings:	High 100 microns [0.0039 in] Standard 200 microns [0.0078 in] Low 300 microns [0.0118 in]
Positioning Precision:	XY: 11 microns [0.0004 in]; Z: 2.5 microns [0.0001 in]
Filament Diameter:	1.75 mm [0.069 in]
Nozzle Diameter:	0.4 mm [0.015 in]

### SOFTWARE

Software Bundle:	MakerBot MakerWare™
File Types:	.stl, .obj, .thing
Supports:	Windows (XP 32 bit/7+) Ubuntu Linux (12.04+) Mac OS X (10.6 64 bit/10.7+)

### PHYSICAL DIMENSIONS

Without Spool:	19.1 x 12.8 x 14.7 in [49 x 32 x 38 cm]
With Spool:	19.1 x 16.5 x 14.7 in [49 x 42 x 38 cm]
Shipping Box:	23 x 21.5 x 17 in [59 x 55 x 43 cm]
Weight:	25.4 lbs [11.5 kg]
Shipping Weight:	44.55 lbs [20.2 kg]

### TEMPERATURE

Ambient Operating Temperature:	15° – 32° C [60° – 90° F]
Storage Temperature:	0° – 32° C [32° – 90° F]

### ELECTRICAL

AC Input:	100 – 240 V, ~2 amps, 50 – 60 Hz
Power Requirements:	24 V DC @ 6.25 amps
Connectivity:	USB, SD card [FAT 16, max. 2GB]

### MECHANICAL

Chassis:	Powder-coated steel
Body:	PVC Panels
Build Platform:	Acrylic
XYZ Bearings:	Wear-resistant, oil-infused bronze
Stepper Motors:	1.8° step angle with 1/16 micro-stepping