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## SPECIFICATIONS\*

### PRINTING

Print Technology:	Fused Filament Fabrication (FFF)
Build Volume:	240 mm (9.4 inch) wide hexagon x 260 mm (10.2 inch) high 780 cubic inches
Layer Resolution Settings:	High 100 microns (0.004 inch) Medium 150 microns (0.006 inch) Low 200 microns (0.008 inch)
Filament Diameter:	1.75 mm
Nozzle Diameter:	0.35 mm
Extrusion Speed:	up to 150 mm/s
Non-Extrusion Movement:	up to 300 mm/s

### SOFTWARE

Open Source:	OctoPrint, Marlin, Cura, Slic3r, Repetier Host
Special Features:	Auto-leveling build platform, Web/Mobile control panel, Built-in slicing, Wi-Fi printing
File Types:	.stl, .gcode
Supports:	Windows (XP/7+), Linux (Ubuntu 10.04+), Mac OS X (10.7+)

### PHYSICAL DIMENSIONS

Without Spool:	420 x 400 x 690 mm (16.5 x 15.8 x 27.2 inch)
With Spool:	420 x 460 x 690 mm (16.5 x 18.2 x 27.2 inch)
Weight:	9.5 kg (21 lb)
Shipping Weight:	16 kg (35 lb)

### TEMPERATURE

Ambient Operating Temperature:	15° - 32° C (60° - 90° F)
Storage Temperature:	0° - 38° C (32° - 100° F)

### ELECTRICAL

AC Input:	100 - 240 V, 50 - 60 Hz
Power Requirements:	24 V DC @ 6.3 amps
Connectivity:	Wi-Fi, Ethernet

### MECHANICAL

Frame:	High strength all-aluminum structure
Materials:	Anodized aluminum components, stainless-steel, composite
Build Platform:	Hexagonal acrylic (removable)
Linear Bearing System:	MakerSlide rails and v-wheels
Stepper Motors:	1.8° step angle with 1/32 micro-stepping