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

*Preliminary Specifications -- All specifications are subject to change. (8/14)