

## 3D Printer Specifications

**Material:**

ABS*plus*-P430

**Build envelope (XYZ):**

254 x 254 x 305 mm (10 x 10 x 12 in.)

**Material delivery:**

One build material cartridge and one support material cartridge, each 923 cc (56.3 in<sup>3</sup>)

**Layer thicknesses:**

- 0.013 inch (0.330 mm)
- 0.010 inch (0.254 mm)
- 0.007 inch (0.178 mm)

**Support structure:**

Soluble

**Achievable accuracy:**

Parts are produced within an accuracy of  $\pm .241$  mm ( $\pm .0095$  in.). (Accuracy is geometry dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.)

**Network communication:**

10/100 base T connection; Ethernet protocol

**Operator attendance:**

Limited attendance required for job start and stop

**Operating environment:**

Maximum room temperature of 30 C (86 F)

**Relative humidity range:**

30 to 70 percent, noncondensing

**Power requirements:**

110–120 VAC, 60 Hz, minimum 15A dedicated circuit; or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit.

**Regulatory compliance:**

CE/ETL

**Software:**

Insight and Control Center job-processing and management software.