



# FLUX ONE PRINTER SPECIFICATIONS

<b>BUILD VOLUME</b>	8 in (x) x 4.5 in (y) x 13 in (z) 203.7 mm x 114.6 mm x 330 mm	<b>HVAC THERMAL LOAD</b>	5200 BTU/hr (active), < 1800 BTU/hr (idle)
<b>RESOLUTION</b>		<b>MAGNETICS</b>	
Z (layer height)	10 - 250 $\mu$ m	Flux density within 6" of printer	<20 gauss
XY (pixel pitch)	75 $\mu$ m	Flux density inside build area	500 gauss
<b>ELECTRICAL REQUIREMENTS</b>	208 VAC 50/60 Hz three-phase 20 A breaker	<b>MIXER AND CIRCULATION</b>	
<b>DIMENSIONS</b>		Mixer Volume	4 L
Installed Size	22.8 in (W) x 33.4 in (D) x 70/81 in (H) door closed/open 579 mm x 848 mm x 1727/2032 mm	Material Bottle Volume	1.5 L
Minimum Spacing	Minimum ceiling height: 82 in (2083 mm) Sides: 1 in (25.4 mm) Back: 10 in (254 mm)	Resin Temperature in Reservoir	20 - 80 C
<b>WEIGHT</b>	500 lbs (226.8 kg)	<b>CONTROL</b>	10" LCD touch screen display
<b>VENTILATION</b>	Carbon / Hepa filter	<b>CONNECTIVITY</b>	USB, Wi-fi, Ethernet
<b>PRINT MATERIALS</b>	Open platform with a range of resins, reinforcing fibers, and particles qualified by Fortify	<b>PROJECTOR</b>	
		Technology	Digital Light Projection (DLP)
		Light Source	LED
		Wavelength	405 nm standard 385 nm / 365 nm available (field upgrade)

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# INTRODUCING THE FLUX ONE PRINTER



**FLUXPRINT™**  
Magnetic fiber alignment

**MATERIALS DOCK**  
For fiber and resin handling

**DIGITAL LIGHT PROCESSING**  
Powerful DLP light engine

**180 VIEWING**  
Easy Access

**10" LCD DISPLAY**  
Touch Screen

**CKM™**  
Mixing, heating, and recirculation of resin

WHAT WILL YOU  
FORTIFY?

The 3D Printer for Filled and Fiber Reinforced Polymers

