



FLUX ONE PRINTER SPECIFICATIONS

BUILD VOLUME	8 in (x) x 4.5 in (y) x 13 in (z) 203.7 mm x 114.6 mm x 330 mm	HVAC THERMAL LOAD	5200 BTU/hr (active), < 1800 BTU/hr (idle)
RESOLUTION		MAGNETICS	
Z (layer height)	10 - 250 μ m	Flux density within 6" of printer	<20 gauss
XY (pixel pitch)	75 μ m	Flux density inside build area	500 gauss
ELECTRICAL REQUIREMENTS	208 VAC 50/60 Hz three-phase 20 A breaker	MIXER AND CIRCULATION	
DIMENSIONS		Mixer Volume	1 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	Resin Bottle Volume	3.5 L
Minimum Spacing	Minimum ceiling height: 82 in (2083 mm) Sides: 1 in (25.4 mm) Back: 10 in (254 mm)	Fiber Bottle Volume	0.5 - 4.5 L
WEIGHT	500 lbs (226.8 kg)	Resin Temperature in Reservoir	20 - 80 C
VENTILATION	Carbon / Hepa filter	CONTROL	10" LCD touch screen display
PRINT MATERIALS	Open platform with a range of resins, reinforcing fibers, and particles qualified by Fortify	CONNECTIVITY	USB, Wi-fi, Ethernet
		PROJECTOR	
		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

