FORTIFY

FLUX CORE 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
RESOLUTION	
Z (layer height)	25 - 150 µm
XY (pixel pitch)	75 µm
ELECTRICAL REQUIREMENTS	208 VAC 50/60 Hz three-phase 20 A breaker
DIMENSIONS	
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
Minimum Spacing	Minimum ceiling height: 82 in (2083 mm) Sides: 1 in (25.4 mm) Back: 10 in (254 mm)
WEIGHT	550 lbs (158.8 kg)
VENTILATION	4" duct exhaust connection Optional: External Carbon/Hepa filtration unit
PRINT MATERIALS	A range of reinforced resins qualified by Fortify. Open platform when used with Fortify Flux Developer software.
CONTROL	10" LCD touch screen display

HVAC THERMAL LOAD	1700 BTU/hr (active)
CKM*	
CKM Standard Max Volume	6 L
CKM LV Max Volume	2 L
Resin Temperature in Reservoir	25 - 70 C
CONNECTIVITY	USB, Wi-fi, Ethernet
PROJECTOR	
Technology	Digital Light Projection (DLP)
Light Source	LED
Wavelength	405 nm standard

* CKM or Continuous Kinetic Mixing is proprietary technology built into Fortify's FLUX CORE 3D printer that enables printing of viscous and filled polymers. The CKM module is tailored to your materials needs and comes in two options Standard (for production applications) and Low Volume (for frequent material changeover).

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RevB / Apr2021

FORTIFY

THE 3D PRINTER FOR VISCOUS AND PARTICLE FILLED RESINS

180 VIEWING
Easy Visibility

MATERIALS DRAWER
For resin handling

DIGITAL LIGHT PROCESSING
Powerful DLP light engine

10" LCD DISPLAY
Touch Screen

CKM™
Mixing, heating, and recirculation of resin

The **FLUX CORE** 3D printer, powered by CKM, provides the industry's first platform for the development and manufacturing of advanced particle-reinforced systems.