

Raise3D E2CF

Carbon Fiber 3D Printing Made Simple



Nozzles with High Durability



Dual Direct Drive Extrusion
System



Engineered for Printing
Carbon Fiber Reinforced
Filament



Raise3D Industrial PA12 CF
Support Filament



Raise3D Filament Dry Box



ideaMaker Slicing Profiles

Applications



Medical

High strength, lightweight,
heat-resistant



Automotive

Abrasion-resistant,
lightweight, rust-proof



Industrial

Strong, drop-resistant, with
special matte surface finish



Aerospace

Abrasion-resistant,
corrosion-resistant,
electrostatic-resistant

Technical Specifications

Build Volume (W × D × H)	Single Extruder Print	Dual Extruder Print
	330 × 240 × 240 mm	295 × 240 × 240 mm
Electrical	Power Supply Input	Power Supply Output
	100-240 V AC, 50/ 60 Hz 230 V @ 2 A	24 V DC, 350 W
Supported Materials	Raise3D Industrial PA12 CF, Raise3D Industrial PA12 CF Support (PPA CF, PPS CF and PET CF Coming soon)	
Print Technology	FFF	
Filament Diameter	1.75 mm	
Layer Height	0.1-0.25 mm	
Nozzle Diameter	0.4 mm (Default), 0.6/ 0.8 mm (Available)	
Max Nozzle Temperature	300°C	
More Features	1. Mirror/ Duplication Mode 2. Auto Bed Leveling 3. Video-Assisted Offset Calibration System 4. Automatic Pausing with Door/ Lid Sensors 5. Power Saving Button 6. Flexible Build Plate ...	