



FibreSeeker 3

Continuous fiber 3D printer

Composite Fiber Co-extrusion (CFC): continuous carbon or glass fiber is laid inside the part during printing, through a dual-nozzle print head. Also prints standard and engineering plastics (FFF).



PRINTER

Technology	Composite Fiber Co-extrusion (CFC) + FFF
Build volume	300 × 300 × 245 mm
Composite tensile strength	up to 900 MPa (X-CCF, along the fiber)
Max speed	500 mm/s FFF · 20 cc/h CFC
Nozzles	All-metal hotend, hardened steel · 0.4 mm FFF · 0.7 mm CFC · up to 350 °C
Chamber · bed	Active chamber heating to 65 °C · bed to 110 °C · automatic leveling
Accuracy · layer height	±0.2 mm · from 50 µm
Sensors · camera	Fiber and plastic breakage and clog sensors · 1280 × 720 live camera
Control · storage	5-inch touchscreen and PC app · 32 GB eMMC, USB
Software · file formats	Manufacturer's slicer for FFF + CFC, Windows and Mac · STL, STP, 3MF
Power	100–120 VAC / 200–240 VAC, 50/60 Hz · 1350 W
Size · weight	615 × 595 × 540 mm · 32 kg

MATERIALS

- **X-CCF** continuous carbon fiber
- **X-CGF** continuous glass fiber (electrically insulating)
- **Plastics, 1.75 mm:** PLA, PETG, PC, PA, PA-CF, PETG-GF

PRINT MODES

- **High-speed FFF** — plastic only
- **High-strength** — continuous fiber plus plastic
- **Hyper-strength** — fiber only

MANUFACTURER'S BRACKET TEST

	CNC 6061 Al	FS3 + X-CCF
Strength	290–310 MPa	up to 900 MPa
Weight	≈260 g	≈150 g
Cost	≈\$130	≈\$9
Lead time	3–7 days	6–9 hours

OTHER FEATURES

- Built-in fiber cutter
- Fully automatic bed leveling

Specifications and test figures are from the manufacturer. Results depend on part geometry, fiber routing and print settings.