

FibreSeek FibreSeeker 3

Continuous fibre co-extrusion (CFC) + FFF desktop 3D printer

Lays continuous carbon or glass fibre inside standard thermoplastic prints. Parts up to 900 MPa tensile along the fibre (FibreSeek X-CCF datasheet). Open 1.75 mm filament on the FFF head. Enclosed, heated, assembled.

MACHINE

TECHNOLOGY	CFC (Continuous Fibre Co-extrusion) + FFF hybrid
BUILD VOLUME	300 × 300 × 245 mm
MOTION SYSTEM	CoreXY, fully enclosed
FFF NOZZLE	0.4 mm hardened steel, max 350 °C
CFC NOZZLE	0.7 mm with built-in fibre cutter, max 350 °C
MAX FFF SPEED	500 mm/s, active vibration compensation
CFC DEPOSITION RATE	Up to 20 cm³/h
LAYER HEIGHT	0.05 – 0.3 mm
ACCURACY	±0.2 mm (±0.05 mm at high speed)
BED	Up to 110 °C, flexible high-temperature plate
CHAMBER	Up to 65 °C, actively heated

MATERIALS

POLYMER (FFF HEAD)	Any 1.75 mm filament – PLA, PETG, PC, PA, PA-CF, PETG-GF
CONTINUOUS FIBRE	FibreSeek X-CCF carbon (1K), X-CGF glass – 500 m spools
PRINT MODES	High Speed (FFF) · High Strength (FFF + CFC) · Hyper Strength (CFC)

STRENGTH REFERENCE (MANUFACTURER DATA, FIBRE DIRECTION)

PLA + X-CCF	883 MPa tensile
PETG + X-CCF	859 MPa tensile
6061-T6 ALUMINIUM (REF.)	290 – 310 MPa
PETG-CF CHOPPED FILAMENT (REF.)	≈ 70 MPa

Site preparation & ordering

What to have ready before the printer arrives

PHYSICAL

MACHINE DIMENSIONS	615 × 595 × 540 mm (W × D × H)
WEIGHT	32 kg net – two-person lift
BENCH	Level, rigid; allow 150 mm clearance rear and sides, 300 mm above
ENVIRONMENT	Indoor, 15 – 30 °C, away from direct sun and drafts; ventilated room for

ELECTRICAL & CONNECTIVITY

POWER	100 – 240 V AC, 50/60 Hz, max 1350 W – dedicated 10 A outlet recommended
CONNECTIVITY	Wi-Fi (2.4 GHz), USB, 32 GB onboard storage
DISPLAY	5-inch colour touchscreen; 1280 × 720 camera with AI print monitoring

SOFTWARE

SLICER	Rocket Slicer (FibreSeek) – Windows, macOS (Apple silicon)
INPUT FORMATS	STL, STEP
DOWNLOAD	fibreseek3d.com/software.html

IN THE BOX

PRINTER	Fully assembled
MATERIALS	1× polymer spool, 1× CFC matrix spool, 1× X-CCF carbon spool (1K)
SPARES	FFF nozzle and hotend assembly
TOOL KIT	Scraper, tweezers, pliers, hex keys, PTFE tube, cleaning needle, grease,
DOCUMENTATION	Quick start guide

ORDERING

PRINTER ONLY	SKU 3DP-FS-FS3 – AUD \$7,499 inc. GST
FIBRE READY BUNDLE	SKU 3DP-FS-FS3BDL – AUD \$8,799 inc. GST
BUNDLE ADDS	2× X-CCF spools, 2 kg matrix filament, 4 h onboarding + fibre training, 1
EXTENDED WARRANTY	+1 year \$749 · +2 years \$1,249 (at time of purchase)
WARRANTY & SERVICE	12-month manufacturer warranty via the Australian distributor, handled by
FREIGHT	Australian distributor stock; allow 2–3 business days to dispatch; freight
TRADE & EDUCATION	Quotes, purchase orders and invoices – standardprintco.com.au/get-quote

Specifications from FibreSeek published data, Sep 2026. Strength figures are manufacturer datasheet values measured along the fibre axis. The printer follows the base polymer. STANDARD PRINT CO. is an authorised Australian reseller. Prices AUD inc. GST, subject to change.