



PRODUCT SPECIFICATIONS

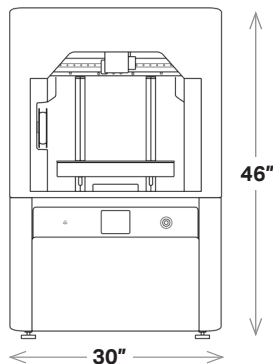
FX10

TecSol3D

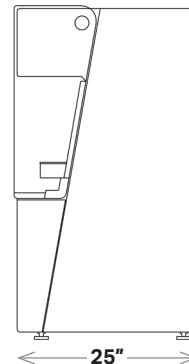
FX10 matches the part strength, surface finish, and reliability of our Industrial machines with a next-generation sensor package and flexible modular system design. Our fifth-generation extrusion system delivers precise repeatable results at twice the speed of an X7. The heated print chamber and automated spool changeover let you print large, high-quality parts, while its laser micrometer and onboard vision module capture detailed part images for precise calibration, inspection, and verification.

| | | |
|---------------------------|----------------------------|--|
| Printer Properties | Process | Fused Filament Fabrication, Continuous Fiber Reinforcement |
| | Build Volume | 375 x 300 x 300 mm (14.8 x 11.8 x 11.8 in) |
| | Weight | 109 kg (240 lbs) |
| | Machine Footprint | 760 x 640 x 1200 mm (30 x 25 x 46 in) |
| | Temperature Control | Up to 60°C steady-state |
| | Print System | Direct-drive print head with two nozzles (one plastic, one fiber), automatic material changeover |
| | Power | 100-120 VAC 12A /15A 200-240 VAC 6A / 8A |
| | Safety | UL 2011/CSA C22.2#301 certified, CE Marked, EU Machinery Directive compliant |
| | Materials | Plastics |
| Continuous Fibers | | Carbon Fiber |
| Part Properties | Layer Height | 125 µm minimum, 250 µm maximum |
| Software | Eiger™ | Secure digital library, powerful slicer, and printer management (premium options available at cost) |
| | Security | Two-factor authentication, org admin access, single sign-on, MFP print files encrypted by default and tamper resistant |
| | Connectivity | Eiger connection and over-the-air updates via wi-fi and Ethernet |

FRONT VIEW



SIDE VIEW



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* All specifications are approximate and subject to change without notice. Support for print materials and layer heights will be added over time, though not in every combination. Vision Module will not ship with the first FX10 units but will be included as an upgrade.