



## Specifications

Technology	Fused Filament Fabrication (FFF)
Build volume per print chamber	W: 350 mm - D: 350 mm - H: 400 mm W: 13.8" - D: 13.8" - H: 15.7"
Print chambers	4
Filament diameter	1.75mm
Print head	Dual extrusion with automatic nozzle lifting
Maximum nozzle temperature	500°C
Maximum chamber temperature	120°C, actively controlled
Layer resolution	Up to 20 µm
Extrusion flow	47 mm <sup>3</sup> /s (default) – 120 mm <sup>3</sup> /s (accessory)
Accuracy	0.05 mm
Bed leveling	Automatic
Air filtration	HEPA filter and activated carbon
Supported materials	Smart3D standard materials, composites and PEEK Third-party materials
XY motion	Precision linear guides / hybrid motors
Z motion	Precision leadscrews
Dedicated computer	Yes
Displays	4 1" LCDs
Monitoring	Live camera
Material drying	Built-in Hybrid Drying Technology™
Material capacity	4 spools per print chamber
Material backup	Automatic
Connectivity	Ethernet, WiFi, USB, USB drive, NFC
Power requirements	Three-phase
Supplied software	Smart3D Slicer, Smart3D Cloud, Smart3D LAN, Smart3D Serverless, Print Queuing

## Production Module

### Definition

Target user	Production Engineer
Space	Factory
Main industries	Manufacturing Automotive Aerospace
Main applications	Manufacturing aids Low volume manufacturing