

3D Fused Filament Fabrication Printer

Specialise Products Private Limited is an Indian Original Design Manufacturer (ODM), who Conceptualise, Design and Manufacture customized machines as per customer's requirement.

We already Conceptualised, Designed and Manufactured Laser Assisted 3D Bio Printer (**Patent Applied**), 3D Direct printer (no need for Filament, directly input your materials in Power/Granules OR Semisolid form), Liquid (Drop on Demand) 3D Printer, Automatic Laser Exposure and Scanning System (ALES) to name a few. We are always eager to understand customer's pain points and provide customise solutions which are not available in the market.

Our 3D Fused Filament Fabrication Printer can be of Dual Extruder OR Single Extruder. Dual Extruder can be multicolour.



Technical Specifications – Model 3D_FFF_DUAL

Printer Description	Bowden+ Direct Drive Equipped Dual Extruder 3D Printer is Robust, Rigid, and having Flexibility of using third party open-source material as well as advance grade OEM Certified Material.
Printing Technology	FDM/FFF , Individual motion Dual extruder
Layer Thickness	0.05-0.3 mm
Build Volume	310mm X 310mm X 450mm (XYZ)
Positioning Resolution	X/Y: 12.5 µm Z: 1.25 µm
Print accuracy	150 micron
Print Speed	150mm/sec
Max extruder temperature	270 deg C
Nozzle Diameter	0.4mm to 0.8mm
Filament Diameter	1.75mm
Supported Material	PLA/ABS/HIPS/PC/TPU/NYLON/PETG/ASA/PVA/PP/PA-GF/PA-CF
File formats	STL, 3MF, OBJ, GCode
Display	Minimum 4" colour touch screen display.
Features	built in camera to observe the printing, FR4 Epoxy Glass Plate, Quick Detachable, Carbon Fiber Plate
X Y Z Motion	Precision control through ball screw mechanism (option available for Linear guide way)
Connectivity	Wi-Fi, SD Card
Build Plate Temperature	115° Celsius
Power requirement	220VAC, Single Phase, 50 Hz, Max 600 W and compatible to 15A
Slicing Software	3D Printer integrated with professional advance 3D part manufacturing having perpetual licence software running on Windows OS. Computer not in our scope of supply.
Training & Installation	2 Days training session will be provided to the concern person & team by Certified trainer
HSN Code	84433290
Warranty	Standard on-site comprehensive warranty for one year.