

## **Technical Specification for 3D Printer with Laser Cutting/ CNC Milling / Engraving**

<b>Seri al No:</b>	<b>Specification</b>	<b>Technical description</b>
1.	Technology with necessary extruder accessories for:	Multimaterial 3D Printing Two-color 3D Printing Laser Cutting Laser Engraving CNC Milling 3D Printing with liquid food and ceramics
2.	Materials	ABS, PLA, HIPS, PVA Nylon Flex Filaments PET Wood Plexiglass, Paper, Cardboard Leather More Exotic filaments: Ninjaflex, Laywood, Laybrick, Woodfill etc
3.	Toolheads ( inclusive )	Plastic Extruder 1.75mm Plastic Extruder 3.00 mm Dual Pro Plastic extruder Laser Toolhead CNC Promilling Toolhead Thick Plastic extruder
4.	Other essential accessories	Heated glass table 235X250 mm Calibration Touch probe Transport Handle, Buildtak Extruder Nozzle 0.4mm Spray Extruder Nozzle 0.4mm for 1.75 mm extruder Plywood table for milling and cutting
5.	Nozzle Types	Interchangeable Nozzle 0.2mm,0.3mm,0.4mm
6.	Filament diameter	1.75mm and 3.0 mm depending on the extruder
7.	Print Speed	60-150 mmm/s depending on quality
8.	Recommended Minimum layer	14 Microns for X and Y axis and 0.625 for Z axis
9.	Interchangeable Tool Head	YES - Essential requirement

10.	Warranty Period	TWO Years from date of installation
11.	Installation, Demonstration and Training	Initial installation, demonstration and training for 3D printing, Laser cutting, Laser Engraving, CNC Milling and 3D with food materials in detail with skill transfer.