

3D Metaform PRO-500 is the new FFF printer specifically designed for small and medium-sized enterprises. The large format printing capacity (upto 500x500x500 mm) and the high printing speed (upto 150mm/sec) make the 3D Metaform PRO-500 the ideal solution to build rapidly, low cost objects and industrial samples of significant size.

### Salient features:

- Large format 3D printer
- Industrial quality and reliability
- Use of various thermoplastic materials
- USB data transfer
- Power off resume option
- 5 inch touch display



### Benefits:

- Build parts rapidly
- Build low cost objects
- Build industrial samples of significant size
- Great reliability and flexibility

## Technical Specifications

<b>Print Technology</b>	FFF (Fused Filament Fabrication)
<b>Printable area</b>	500 mm x 500 mm x 500 mm
<b>Extruder</b>	Dual
<b>Extruder type</b>	Bowden
<b>Nozzle diameter</b>	0.4, 0.6, 0.8 mm
<b>Layer thickness</b>	Minimum 50 microns
<b>Printing accuracy</b>	+/- 0.2 mm
<b>Printing speed</b>	Upto 150mm/s
<b>Extruder maximum temperature</b>	Upto 270°C
<b>Printing bed maximum temperature</b>	Upto 120°C
<b>Filament Diameter</b>	1.75 mm
<b>Data Transfer</b>	USB Pendrive
<b>Software</b>	Cura (Free), Simplify 3D (Licence)
<b>Print resume on power outage</b>	Yes
<b>Frame</b>	Outer - Mild Steel, Inner - Aluminium
<b>Bed type</b>	Large heated bed with tempered glass
<b>Recommended materials</b>	PLA, ABS, ASA, Pro- HT, PETG-CF, PP, Monumental & Wood PLA
<b>Supported file formats</b>	STL, OBJ, 3MF, AMF
<b>Fully Metal Enclosed enclosure</b>	Yes
<b>Power Requirements</b>	220-240 VAC 50/60Hz, 7A dedicated circuit
<b>Warranty</b>	One year Warranty for Non consumable items
<b>Dimension</b>	Without Packing: 100 x 85 x 166 cm (WxDxH) With Packing : 150 x 135 x 215 cm (WxDxH)