

Model	Parameters
<p>Large Format 3D Printer YM-NT-1200</p> 	<p><b>Temperature System:</b>                      Printing Temperature:Max 300°C                      Hot Bed Temperature:Max 120°C,Vacuum Adsorption, Polymer Membrane                      Chamber Temperature:Max 60°C                      Filament Box Temperature:Max 60°C                      Temperature Secure Function:Temperature PID Auto Tuning, Temperature Stability <math>\pm 2^{\circ}\text{C}</math></p>
	<p><b>Material System:</b>                      1. 75mm Diameter 3D Printing Filament (Thermoplastic)                      Composite:CF-PC, CF-PA, GF-PA, CF-ABS, CF-ASA, CF-PETG, CF-PLA etc, Dimensional Accuracy <math>100\text{mm}\pm 0.15\text{mm}</math>                      Engineering:PC, PA, ASA, ABS, TPU, PETG, PLA etc, Dimensional Accuracy <math>100\text{mm}\pm 0.15\text{mm}</math>                      Support: E-Water, E-Remove etc</p>
	<p><b>Extrusion System:</b>                      Printing Speed:Max 150mm/s                      Acceleration:1000mm/s<sup>2</sup>                      Flow:16.5mm<sup>3</sup>/s(0.6mm Nozzle, 100mm/s Speed, Under Condition of PLA Printing)                      Nozzle Quantity:2 Nozzle Modular, IDEX Individual Motion                      Cooling Method:Air Cooling                      Nozzle Size:0.6mm (Standard) /0.4mm (Optional)                      Nozzle Material:Copper Alloy (Pure Materials) /Hardened Steel (Fiber Reinforced Materials)                      Recommended Layer Thickness:0.05-0.3mm</p>
	<p><b>Motion Hardware:</b>                      XYZ Axis Motor:High Torque Stepper Motor                      XY Axis Transmission:Linear Guide &amp; Synchronize Belt                      Z Axis Transmission:Rod Guide &amp; Ball Screw                      Positioning Accuracy:X/Y:5.86 <math>\mu\text{m}</math> Z:1.56 <math>\mu\text{m}</math></p>
	<p><b>Main Control Hardware:</b>                      Screen:10.1In Color Touch Screen                      Screen Resolution Ratio:1280x800Px                      Flash Memory:1GB                      Internal Memory:16GB                      Motion Control Chip:STM32 ARM Cortex M4 168 MHz                      Logic Control Chip:H3 ARM Cortex-A7 Quad Core 1.6GHz</p>
	<p><b>Software Functionality:</b>                      Slicing Software:IEMAI 3D EXPERT, CURA, S3D, Prusa, OrcaSlicer                      Feature Functionality:Power Failure Recovery, Filament Detection, Automatic Leveling, Automatic Switch-Off, Material Feeders Synchronize Control, Dual Nozzle IDEX Left Right Individual Motion, Dual Nozzle XYZ Distance Calibration, Automatic Cleaning Nozzle, Vacuum Adsorption Platform, Temperature PID Auto Tuning, Cloud Remote OTA                      Cloud Monitor and Control (1 Account for 1 Year Free, Renewal Annually USD 150)                      Local Network Transmission and Control                      Applicable to Confidentiality Enterprises, USD 980 Permanently Authorize 3 Accounts, USD 120 for Each Additional Account                      Machine Operating System:Linux                      Motion Control Firmware:Optimized Firmware Based On Marlin 2nd Development                      Data Transmission:Ethernet, USB, WIFI                      File Formats:STL, OBJ, 3MF etc                      Operating System:Windows10/11 64 Bits</p>
	<p><b>Size and Weight:</b>                      Build Volume:1200*1200*1200mm                      Machine Size:2090*1650*1810mm                      Package Size:2250*1745*2000mm                      Net Weight:900KG                      Gross Weight:1000KG</p>
	<p><b>Electric Parameter:</b>                      Brand:Mean Well                      Power Supply:220V<math>\pm 10\%</math> 50-60Hz Max Power 8400W                      24 Hrs Average Power Consumption:3.5KW/H (ABS Printing) 0.5KW/H (PLA Printing)</p>
	<p><b>Packing List:</b>                      Machine, Tool Kits, Start-Up Material Sets, Spare Parts, Slicing Software (Free)</p>