

Model	Parameters
Large Format 3D Printer YM-NT-1200 	Temperature System: Printing Temperature:Max 300℃ Hot Bed Temperature:Max 120℃, Vacuum Adsorption, Polymer Membrane Chamber Temperature:Max 60℃ Filament Box Temperature:Max 60℃ Temperature Secure Function:Temperature PID Auto Tuning, Temperature Stability ±2℃
	Material System: 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 100mm±0.15mm Engineering:PC, PA, ASA, ABS, TPU, PETG, PLA etc, Dimensional Accuracy 100mm±0.15mm Support:E-Water, E-Remove etc
	Extrusion System: Printing Speed:Max 150mm/s Acceleration:1000mm/s² Flow:16.5mm³/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
	Motion Hardware: XYZ Axis Motor:High Torque Stepper Motor XY Axis Transmission:Linear Guide & Synchronize Belt Z Axis Transmission:Rod Guide & Ball Screw Positioning Accuracy:X/Y:5.86 μm Z:1.56 μm
	Main Control Hardware: Screen:10.1In Color Touch Screen Screen Resolution Ratio:1280x800Px Flash Memory:4GB Internal Memory:16GB Motion Control Chip:STM32 ARM Cortex-M4 180MHz Logic Control Chip:RK3588S Octa-Core 64Bits 2.4GHz+1.8GHz
	Software Functionality: 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 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
	Size and Weight: Build Volume:1200*1200*1200mm Machine Size:2090*1650*1810mm Package Size:2250*1745*2000mm Net Weight:900KG Gross Weight:1000KG
	Electric Parameter: Brand:Mean Well Power Supply:220V±10% 50-60Hz Max Power 8400W 24 Hrs Average Power Consumption:3.5KW/H (ABS Printing) 0.5KW/H (PLA Printing)
	Packing List: Machine, Tool Kits, Start-Up Material Sets, Spare Parts, Slicing Software (Free)