Model	Parameters
Large Format 3D Printer YM-NT-1200	**Temperature System:** Printing Temperature:Standard 350°C (450°C Upgrade Optional) Hot Bed Temperature:Max 120°C,Vacuum Adsorption,PEI Build Plate Chamber Temperature:Max 60°C Filament Box Temperature:Max 60°C Temperature Secure Function:PID Auto Tuning,Temperature Stability ±2°C
	Material System: 1.75mm Diameter 3D Printing Filament(Thermoplastic) Carbon Fiber Reinforced: CF-PPS,CF-PPA,CF-PAHT,CF-PA12,CF-PA6,CF-PC,CF-PET,CF-ABS,CF-ASA,CF-PETG,CF-PP,CF-PLA etc,Dimensional Accuracy 100mm±0.15mm Glass Fiber Reinforced: GF-PPS,GF-PPA,GF-PAHT,GF-PA12,GF-PA6,GF-PC,GF-PET,GF-ABS,GF-ASA,GF-PETG,GF-PP,GF-PLA etc,Dimensional Accuracy 100mm±0.15mm Other Modified: PC-ABS,PC-PBT,FR-PC,FR-ABS,ESD-PETG,ESD-ABS,316L etc,Dimensional Accuracy 100mm±0.15mm Engineering: PA12,PA6/66,PC,ASA,ABS,TPU,PETG,PLA etc,Dimensional Accuracy 100mm±0.15mm Support:E-Water,E-Remove etc
	Extrusion System: Printing Speed:Max 200mm/s Acceleration:10000mm/s² Flow:60mm³/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:Hardened Steel Recommended Layer Thickness:0.05-0.3mm
	**Maximum Output:** PETG material 1.5mm nozzle, 0.8mm layer height — 6.2 kg/day 1.2mm nozzle, 0.75mm layer height — 5.6 kg/day 1.0mm nozzle, 0.6mm layer height — 4.4 kg/day 1.0mm nozzle, 0.52mm layer height — 3.8 kg/day 0.8mm nozzle, 0.44mm layer height — 2.7 kg/day 0.6mm nozzle, 0.32mm layer height — 1.6 kg/day
	Motion Hardware: XYZ Axis Motor:Industrial Stepper Motor X Axis Transmission:Linear Guide & Synchronize Belt Y Axis Transmission:Linear Module Z Axis Transmission:Rod Guide & Ball Screw Positioning Accuracy:X/Y:5.86μm Z:1.56μm
	Main Control Hardware: Screen:10.1In Color Touch Screen Screen Resolution Ratio:1280x800Px Flash Memory:32GB Internal Memory:2GB Motion Control Chip:STM32 ARM Cortex-M4 168MHz Logic Control Chip:RK3576 Octa-Core (Arm Cortex-A72 2.2GHz + Arm Cortex-A53 1.8GHz)
	Software Functionality: Slicing Software:IEMAI 3D SLICER,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, Vacuum Adsorption Platform,Temperature PID Auto Tuning,Cloud Remote OTA Cloud Monitor and Control (FREE) Local Network Transmission and Control Applicable to Confidentiality Enterprises,An Additional Fee of USD 980,Permanently Authorize. Machine Operating System:Linux Data Transmission:Ethernet,USB,WIFI File Formats:STP/STEP,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: Power Supply:220V±10% 50-60Hz Max Power 8.4KW 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