


Model	Parameters
<p data-bbox="168 1013 414 1210">High Temperature 3D Printer MAGIC-HT-MAX</p> 	<p>Temperature System: Printing Temperature:Max 500°C Hot Bed Temperature:Max 200°C,Vacuum Adsorption,Carbon Fiber Plate/Polymer Membrane Chamber Temperature:Max 150°C Filament Box Temperature:Max 65°C,Material Storage Humidity:Min 15% RH Temperature Secure Function: Temperature PID Auto Tuning, Temperature Stability $\pm 2^{\circ}\text{C}$</p>
	<p>Material System: 1.75mm Diameter 3D Printing Filament (Thermoplastic) Performance:PEEK, PEKK, PEI 1010/9085, PPSU, PPS Etc,Dimensional Accuracy 100mm\pm0.2mm Composite:CF-PEEK, GF-PEEK, CF-PC, CF-PA, GF-PA, CF-ABS, CF-ASA, CF-PETG, CF-PLA Etc,Dimensional Accuracy 100mm\pm0.15mm Engineering:PC, PA, ASA, ABS, TPU, PETG, PLA etc,Dimensional Accuracy 100mm\pm0.15mm Support: E-Water, E-Remove, HT-SP Etc</p>
	<p>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, Electric Individual Lifting Cooling Method:Water Cooling (Heat Dissipation Zone) /Air Cooling (Print Part Cooling) Nozzle Size:0.4mm (Standard) /0.6mm (Selective) Nozzle Material:Copper Alloy (Pure Materials) /Hardened Steel (Fiber Reinforced Materials) Recommended Layer Thickness:0.05-0.3mm</p>
	<p>Motion Hardware: XY Axis Motor: Closed Loop Drive Motor Z Axis Motor: High Torque Stepper Motor XYZ Axis Transmission: Ball Screw & Linear Guide Positioning Accuracy: X/Y:2.5μm Z:0.78μm</p>
	<p>Main Control Hardware: Screen:10.1In Color Touch Screen Screen Resolution Ratio:1280x800Px Flash Memory:1GB Internal Memory:16GB Movement Control Chip:STM32 ARM Cortex M4 168 MHz Logic Control Chip:H3 ARM Cortex-A7 Quad Core 1.6GHz</p>
	<p>Software Functionality: Slicing Software:IEMAI 3D EXPERT, CURA, S3D, Prusa, OrcaSlicer Feature Functionality:Power Failure Recovery, Filament Detection, Automatic Leveling, Automatic Switch-Off, Dual Material Feeders Synchronize Control, Dual Nozzle Individual Lifting, Dual Nozzle XYZ Distance Calibration, Automatic Nozzle Cleaning, 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>Size and Weight: Build Volume:500*500*700mm Machine Size:1080*1380*1950mm Package Size:1300*1600*2300mm Net Weight:750KG Gross Weight:850KG</p>
	<p>Electric Parameter: Brand: Mean Well Power Supply:220V\pm10% 50-60Hz Max Power 6500W 24 Hrs Average Power Consumption: 4KW/H (PEEK Printing) 0.5KW/H (PLA Printing)</p>
	<p>Packing List: Machine, Tool Kits, Start-up Material Sets, Spare Parts, Slicing Software (Free)</p>