

Model	Parameters
High Temperature 3D Printer MAGIC-HT-MAX 	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 ±2°C
	Material System: 1. 75mm Diameter 3D Printing Filament (Thermoplastic) Performance:PEEK, PEKK, PEI 1010/9085, PPSU, PPS etc,Dimensional Accuracy 100mm±0. 2mm Composite:CF-PEEK, GF-PEEK, 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, HT-SP 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, Electric Individual Lifting Cooling Method:Water Cooling (Heat Dissipation Zone) /Air Cooling(Print Part Cooling) Nozzle Size:0. 4mm (Standard) /0. 6mm (Optional) Nozzle Material:Copper Alloy (Pure Materials) /Hardened Steel (Fiber Reinforced Materials) Recommended Layer Thickness:0. 05-0. 3mm
	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. 5 μm Z:0. 78 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 SLICER, CURA, S3D, Prusa, OrcaSlicer Feature Functionality:Power Failure Recovery,Filament Detection, Automatic Leveling, Automatic Switch-Off, Material Feeders Synchronize Control,Dual Nozzle Individual Lifting,Dual Nozzle XYZ Distance Calibration, Automatic Cleaning Nozzle,Vacuum Adsorption Platform, Temperature PID Auto Tuning, Cloud Remote OTA Cloud Monitor and Control (Free) 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:500*500*700mm Machine Size:1080*1380*1950mm Package Size:1300*1600*2300mm Net Weight:750KG Gross Weight:850KG
	Electric Parameter: Brand:Mean Well Power Supply:220V±10% 50-60Hz Max Power 6500W 24 Hrs Average Power Consumption: 4KW/H (PEEK Printing) 0. 5KW/H (PLA Printing)
	Packing List: Machine, Tool Kits, Start-Up Material Sets, Spare Parts, Slicing Software (Free)