

Model	Parameters
<p>High Temperature 3D Printer MAGIC-HT-MAX</p> 	<p>Temperature System: Printing Temperature:Max 500°C Hot Bed Temperature:Max 200°C,Vacuum Adsorption,PEI Build Plate Chamber Temperature:Max 150°C Filament Box Temperature:Max 65°C Material Storage Humidity:Min 15% RH Temperature Secure Function:PID Auto Tuning, Temperature Stability $\pm 2^{\circ}\text{C}$</p>
	<p>Material System: 1.75mm Diameter 3D Printing Filament(Thermoplastic) Special Engineering: PEEK,PEKK,PAEK,PEI 1010/9085,PPSU,PPS etc,Dimensional Accuracy 100mm$\pm$0.2mm Carbon Fiber Reinforced: CF-PEEK,CF-PEI,CF-PPS,CF-PPA,CF-PAHT,CF-PA12,CF-PA6,CF-PC,CF-PET,CF-ABS,CF-ASA,CF-PETG,CF-PP,CF-PLA etc,Dimensional Accuracy 100mm$\pm$0.15mm Glass Fiber Reinforced: GF-PEEK,GF-PPS,GF-PPA,GF-PAHT,GF-PA12,GF-PA6,GF-PC,GF-PET,GF-ABS,GF-ASA,GF-PETG,GF-PP,GF-PLA etc,Dimensional Accuracy 100mm$\pm$0.15mm Other Modified: PC-ABS, PC-PBT,FR-PC,FR-ABS,ESD-PETG,ESD-ABS,316L etc,Dimensional Accuracy 100mm$\pm$0.15mm Engineering: PA12,PA6/66,PC,ASA,ABS,TPU,PETG,PLAetc,Dimensional Accuracy 100mm$\pm$0.15mm Support:E-Water,E-Remove etc</p>
	<p>Extrusion System: Printing Speed: Max 200mm/s Acceleration: 5000mm/s² Flow: 30mm³/s(0.6mm Nozzle, 300mm/s Speed,Under Condition of PLA Printing) Nozzle Quantity:2 Nozzle, Hardened Steel Nozzles, Modular Design, Independent Electric Lifting Cooling Method:Water Cooling(Heat Dissipation Zone) /Air Cooling(Print Part Cooling) Nozzle Size:0.4mm(Standard) /0.6mm(Optional) Recommended Layer Thickness:0.05-0.3mm</p>
	<p>Motion Hardware: XY Axis Motor:Closed Loop Drive Motor Z Axis Motor:Industrial Stepper Motor XYZ Axis Transmission:Ball Screw & Linear Guide Positioning Accuracy:X/Y:2.5μm Z:0.78μm</p>
	<p>Main Control Hardware: Screen:10.1In Color Touch Screen Screen Resolution Ratio:1280x800Px Flash Memory:32GB Internal Memory:2GB Motion Control Chip:STM32 ARM Cortex-M4 168MHz Logic Control Chip:RK3576 Octa-Core (Arm Cortex-A72 2.2GHz + Arm Cortex-A53 1.8GHz)</p>
	<p>Software Functionality: Slicing Software:IEMAI 3D SLICER,CURA,S3D,Prusa,OrcaSlicer Feature Functionality:Power Failure Recovery,Filament Detection,Automatic Leveling,Automatic Switch-Off,Material Feeders Synchronize Control,Dual Nozzle Individual Lifting,Dual Nozzle XYZ Distance Calibration,Automatic Cleaning Nozzle,Vacuum Adsorption Platform,Temperature PID Auto Tuning,Cloud Remote OTA, Cloud Monitor and Control (FREE) Local Network Transmission and Control Applicable to Confidentiality Enterprises,An Additional Fee of USD 980,Permanently Authorize. Machine Operating System:Linux Data Transmission:Ethernet,USB,WIFI File Formats:STP/STEP,STL,OBJ,3MFetc Operating System:Windows10/11 64 Bits</p>
	<p>Size and Weight: Build Volume:500*500*700mm Machine Size:1080*1380*1950mm Package Size:1300*1600*2300mm Net Weight:750KG Gross Weight:850KG</p>
	<p>Electric Parameter: Brand:Mean Well Power Supply:220V$\pm$10% 50-60Hz Max Power 6.5KW 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</p>