


Model	Parameters
<p data-bbox="220 891 368 965">High Temperature 3D Printer MAGIC-HT-MAX</p> 	<p><b>Temperature System:</b>            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 ±2°C</p>
	<p><b>Material System:</b>            1.75mm Diameter 3D Printing Filament(Thermoplastic)            Special Engineering: PEEK,PEKK,PAEK,PEI 1010/9085,PPSU,PPS etc,Dimensional Accuracy 100mm±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±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±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</p>
	<p><b>Extrusion System:</b>            Printing Speed: Max 200mm/s            Acceleration: 5000mm/s<sup>2</sup>            Flow: 30mm<sup>3</sup>/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)</p>
	<p><b>Motion Hardware:</b>            XY Axis Motor:Closed Loop Drive Motor            Z Axis Motor:Industrial Stepper Motor            XYZ Axis Transmission:Ball Screw &amp; Linear Guide            Positioning Accuracy:X/Y:2.5μm Z:0.78μm</p>
	<p><b>Main Control Hardware:</b>            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><b>Software Functionality:</b>            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  <b>Applicable to Confidentiality Enterprises,An Additional Fee of USD 980,Permanently Authorize.</b>            Machine Operating System:Linux            Data Transmission:Ethernet,USB,WIFI            File Formats:STP/STEP,STL,OBJ,3MF etc            Operating System:Windows 10/11 64 Bits</p>
	<p><b>Size and Weight:</b>            Build Volume:500*500*700mm            Machine Size:1080*1380*1950mm            Package Size:1300*1600*2300mm            Net Weight:750KG            Gross Weight:850KG</p>
	<p><b>Electric Parameter:</b>            Brand:Mean Well            Power Supply:220V±10% 50-60Hz Max Power 6.5KW            24 Hrs Average Power Consumption: 4KW/H(PEEK Printing) 0.5KW/H(PLA Printing)</p>
	<p><b>Packing List:</b>            Machine,Tool Kits,Start-Up Material Sets,Spare Parts,Slicing Software</p>