



## MAGIC-HT-MAX

**Build Volume: 500×500×700 mm**

**Printing Temperature: Up to 500°C**

**Hot Bed Temperature: Up to 180°C**

**Chamber Temperature: Up to 150°C**

**Filament Box Temperature: Up to 65°C**

**Extrusion System: Individual Lifting Liquid Cooling Dual Extruder**

**Majority of the Materials on Market: PEEK, CF-PEEK, PEKK, CF-PEKK,**

**PEI 1010/9085, PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS, CF-ABS, PETG, HIPS, TPU, PLA, CF-PLA, PVA...**

Item	MAGIC-HT-MAX
Printing Size (L × B × H)	500×500×700 mm
Machine Size (L × B × H)	1080×1380×1950 mm
Packing Size (L × B × H)	1300×1600×2300 mm
Net Weight	750 KG
Gross Weight	850 KG
Power	200~250 V, 50~60 Hz 6500 W

### About IEMAI 3D

IEMAI 3D is a global industrial-grade 3D printer brand, dedicated to providing users with powerful 3D printers and high-performance materials.

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<p>Common</p>	<p>Principle: Fused Filament Fabrication</p> <p>Extrusion System: Individual Lifting Liquid Cooling Dual Extruder</p> <p>Filament Diameter: 1.75 mm</p> <p>Position Resolution: X/Y: 2.5 μm Z: 0.78 μm</p> <p>Printing Speed: 0 - 150 mm/s</p> <p>Printing Platform: Carbon Fiber Plate Or Polymeric Membrane, Vacuum Absorption</p> <p>Print Bed Temperature: 180°C</p> <p>Heated Bed Materials: Silicon</p> <p>Printing Platform Auto Calibration: Support</p> <p>Power Failure Recovery: Support</p> <p>Supporting Materials: PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085, PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS, CF-ABS, PETG, HIPS, TPU, PLA, CF-PLA, PVA...</p> <p>Layer Thickness: 0.05 – 0.3 mm</p> <p>Nozzle Diameter: 0.4 mm (Default), 0.6 mm, 0.8 mm, 1.0 mm (Choosable)</p> <p>Extruder Temperature: 500 °C</p> <p>Connection Control: Wi-Fi, LAN, USB Port, SD Card</p> <p>Suggest Operating Environment: 15-30°C, relatively humidity 10-90%, No Moisture Condensation</p> <p>Storage Temperature: -25 - 55 °C, relatively humidity 10-90%, No Moisture Condensation</p> <p>Technology Certification: CE, RoHS</p> <p>Air Filter: Activated Carbon Filters (Choosable)</p>
<p>Software</p>	<p>Supplied Software: IEMAI 3D EXPERT, Cura, Simplify3D</p> <p>Operating System: Windows 64 Bit</p> <p>File Type: STL, OBJ, 3MF</p> <p>Output: GCODE</p>
<p>Features</p>	<p>Power Failure Recovery</p> <p>Filament Absent Warning</p> <p>Auto-Shut Down System</p> <p>Liquid-Cooling System</p> <p>Camera Monitoring</p> <p>Auto Calibration</p> <p>Vacuum Adsorption Platform</p> <p>Extruder Auto-Cleaning</p> <p>Dual Extruder Modularization</p> <p>Filament Moisture-Proof Storage</p>