

**3D Printing Solutions For High Performance Materials** 



## **MAGIC-HT-M**

Build Volume : 220×220×220 mm

Printing Temperature : Up to 450°C

Hot Bed Temperature: : Up to 150°C

Chamber Temperature : Up to 90°C

**Extrusion System : Single 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-M	
Printing Size	220×220×220 mm	
$(L \times B \times H)$	220*220*220 11111	
Machine Size	505×435×515 mm	
$(L \times B \times H)$	505~455~515	
Packing Size	535×465×675 mm	
$(L \times B \times H)$		
Net Weight	35KG	
Gross Weight	51KG	
Power	100~250 V, 50~60 Hz 950 W	

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	Principle:	Fused Filament Fabrication	
	Extrusion System:	Single Extruder	
	Filament Diameter:	1.75 mm	
	Position Resolution:	X/Y: 12.5 μm Ζ: 1.25 μm	
	Printing Speed:	0 - 150 mm/s	
	Printing Platform:	Carbon Fiber Plate, Quick Detachable	
	Print Bed Temperature:	150°C	
	Heated Bed Materials:	Silicon	
	Printing Platform Auto Calibration:	Support	
	Power Failure Recovery:	Support	
	Supporting Materials:	PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085,	
Common		PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS,	
		CF-ABS, PETG, HIPS, TPU, PLA, CF-PLA, PVA	
	Layer Thickness:	0.05 – 0.3 mm	
	Nozzle Diameter:	0.4 mm (Default), 0.6 mm, 0.8 mm, 1.0 mm	
		(Choosable)	
	Extruder Temperature:	450 °C	
	Connection Control:	Wi-Fi, SD Card	
	Suggest Operating Environment:	15-30°C, relatively humidity 10-90%, No	
		Moisture Condensation	
	Storage Temperature:	-25 - 55 °C, relatively humidity 10-90%, No	
		Moisture Condensation	
	Technology Certification:	CE, RoHS	
	Air Filter:	Activated Carbon Filters (Choosable)	
	Supplied Software:	IEMAI 3D EXPERT, Cura, Simplify3D	
Softwara	Operating System:	Windows 64 Bit	
Software	File Type:	STL, OBJ, 3MF	
	Output:	GCODE	
	Power Failure Recovery		
	Filament Absent Warning		
Footures	Auto-Shut Down System		
Features	WIFI Control		
	Auto Leveling		
	Camera Monitoring (Choosable)		

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. Contact: +86-0769-83060912 info@iemai3d.com NO.10 Jiling industrial road, Lianping, Dalingshan Town, Dongguan, Guangdong, China