

## High-performance materials 3D printing solutions



# Print More Materials, All For Applications



## Company Profile

Imai Intelligent Technology Co.,Ltd is a high-tech enterprise in China focusing on 3D printing R&D and production.

Its brand IEMAI 3D is a global industrial grade 3D printer brand,

committed to provide users with the "All in one" 3D printing solution of multi material compatible issue.

IEMAI 3D supports most of the thermoplastic materials in the 3D printing markets and assist the user to resolve the issue encounter during manufacturing,

and all 3D printers and materials have achieved CE and ROHS certification.

We attach great importance to brand building and have obtained trademark certificates from China, The United States and the European Union.

We pursue core technology research and development, and have obtained software copyrights,

invention patents, utility model patents,

design patents, and the title of national high-tech enterprise.

At present, our 3D printing solutions have been applied to aerospace, automotive, petrochemical, medical and electronic manufacturing.



CE



ROHS



Software Copyright



Invention Patent



Utility Model Patent



Design Patent



High-tech enterprise



ISO 9001:2015



EU Trademark



US Trademark



CN Trademark

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## High Temperature 3D Printer Series

### SPAC-HT-920



Principle	FFF	Power	380V 50~60Hz 29KW
Build Volume	920*620*920 mm	Interaction Control	10 inch touch screen
Machine Size	2515*1848*2073 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	500°C	File Type	STL/OBJ/3MF
Hot bed Temperature	300°C	Printer Functions	* Filament detection, 6kg automatic feeding
Chamber Temperature	220°C		* Plug detection
Filament Box Temperature	150°C		* Keep filament dry whole process
Extruder	Liquid cooling individual lifting dual nozzle modular		* Power failure recovery
Printing Platform	Vacuum adsorption polymer film or carbon fiber plate		* Automatic cleaning nozzle
Printing Materials	PEEK/PEKK/Ultem 9085/Ultem 1010/PPSU/PPS		* Automatic leveling
	CF-PEEK/GF-PEEK/CF-PA/GF-PA/ESD-PETG/ABS-FR		* Remote monitoring
	PA/PC/ASA/ABS/PP/PETG/HT-SP/E-REMOVE		* Closed-loop motor, ball screw, linear rail

### MAGIC-HT-MAX

Principle	FFF	Power	220V 50~60Hz 6.5KW
Build Volume	500*500*700 mm	Interaction Control	7 inch touch screen
Machine Size	1080*1380*1950 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	500°C	File Type	STL/OBJ/3MF
Hot bed Temperature	200°C	Printer Function	* Filament absent warning
Chamber Temperature	150°C		* Power failure recovery
Filament Box Temperature	65°C		* Automatic cleaning nozzle
Extruder	Liquid cooling individual lifting dual nozzle modular		* Automatic leveling
Printing Platform	Vacuum adsorption polymer film or carbon fiber plate		* Remote monitoring
Printing Materials	PEEK/PEKK/Ultem 9085/Ultem 1010/PPSU/PPS		* Closed-loop motor, ball screw, linear rail
	CF-PEEK/GF-PEEK/CF-PA/GF-PA/ESD-PETG/ABS-FR		
	PA/PC/ASA/ABS/PP/PETG/HT-SP/E-REMOVE		



### MAGIC-HT-PRO



Principle	FFF	Power	220V 50~60Hz 3KW
Build Volume	310*310*410 mm	Interaction Control	5 inch touch screen
Machine Size	702*625*1605 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	500°C	File Type	STL/OBJ/3MF
Hot bed Temperature	200°C	Printer Function	* Filament absent warning
Chamber Temperature	120°C		* Power failure recovery
Extruder	Liquid cooling individual lifting dual nozzle modular		* Automatic cleaning nozzle
Printing Platform	Modular quick-detachable carbon fiber plate		* Automatic leveling
Printing Materials	PEEK/PEKK/Ultem 9085/Ultem 1010/PPSU/PPS		* High temperature motor, ball screw, linear rail
	CF-PEEK/GF-PEEK/CF-PA/GF-PA/ESD-PETG/ABS-FR		
	PA/PC/ASA/ABS/PP/PETG/HT-SP/E-REMOVE		



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## High Temperature 3D Printer Series MAGIC-HT-L



Principle	FFF	Power	220V 50~60Hz 2.5KW
Build Volume	310*310*480mm	Interaction Control	3.5 inch touch screen
Machine Size	702*542*790 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	450°C	File Type	STL/OBJ/3MF
Hot bed Temperature	150°C	Printer Functions	* Filament absent warning * Power failure recovery * High temperature motor, ball screw, linear rail
Chamber Temperature	90°C		
Extruder	Modularization, Static fixed dual nozzles		
Printing Platform	Carbon Fiber Plate		
Printing Materials	PEEK/PEKK/Ultem 9085/Ultem 1010/PPSU/PPS CF-PEEK/GF-PEEK/CF-PA/GF-PA/ESD-PETG/ABS-FR PA/PC/ASA/ABS/PP/PETG/HT-SP/E-REMOVE		

## MAGIC-HT-M

Principle	FFF	Power	220V 50~60Hz 0.95KW
Build Volume	220*220*220mm	Interaction control	3.5 inch touch screen
Machine Size	505*435*515 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	450°C	File Type	STL/OBJ/3MF
Hot bed Temperature	150°C	Printer function	* Filament absent warning * Power failure recovery * Automatic leveling * High temperature motor, ball screw, linear rail
Chamber Tempature	90°C		
Nozzle quantity	Single extruder modularization		
Printing Platform Material	Carbon Fiber Plate		
Printing material	PEEK/PEKK/Ultem 9085/Ultem 1010/PPSU/PPS CF-PEEK/GF-PEEK/CF-PA/GF-PA/ESD-PETG/ABS-FR PA/PC/ASA/ABS/PP/PETG/HT-SP/E-REMOVE		



## Material System

High  
Performance  
Polymer

Composite  
Reinforced  
Polymer

General  
Engineering  
Polymer



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## Pellet 3D Printer Series FAST-JET-1500



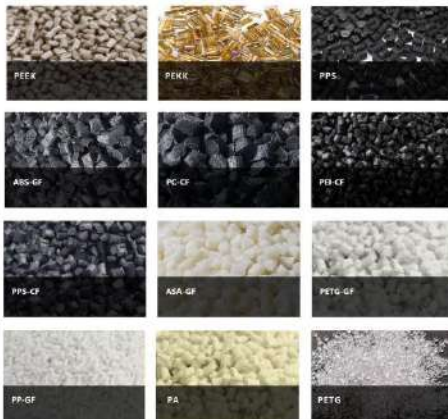
Principle	Fused Granular Fabrication	Power	380V 50~60Hz 14.2KW
Build Volume	1500*1500*1500mm	Interaction Control	10.1 inch touch screen
Machine Size	2160*2900*2520mm	Supplied Software	IEMAI 3D EXPERT
Printing Temperature	500°C , three area heating	File Type	STL/OBJ/3MF
Hot Bed Temperature	200°C , two area heating	Printer Function	* Material detection,auto-feeding
Maximum Throughput	6KG/H		* Remote control
Extruder Diameter	2.0 mm Standard		* Servo Motor, ball screw, linear rail
Extruder	Modularization , liquid cooling screw single nozzle		
Printing Platform	Flat aluminum plate		
Printing Material s	PEEK/PEKK/PPS CF-PEEK/GF-PEEK/CF-PEI/CF-PPS/CF-PC/CF-PA/GF-PA CF-ASA/CF-PP/PA/PC/ASA/ABS/PP/PETG/PLA		

## FAST-JET-780

Principle	Fused Granular Fabrication	Power	220V 50~60Hz 6.3KW
Build Volume	1000*920*780mm	Interaction Control	5 inch touch screen
Machine Size	2050*1545*1790mm	Supplied Software	IEMAI 3D EXPERT
Printing Temperature	500°C , three area heating	File Type	STL/OBJ/3MF
Hot bed Temperature	120°C , two area heating	Printer Function	* Material detection,auto-feeding
Maximum Throughput	6KG/H		* Remote control
Extruder Diameter	2.0 mm Standard		* Servo Motor, ball screw, linear rail
Extruder	Modularization , liquid cooling screw single nozzle		
Printing Platform	Vacuum adsorption polymer film or epoxy plate		
Printing Materials	PEEK/PEKK/PPS CF-PEEK/GF-PEEK/CF-PEI/CF-PPS/CF-PC/CF-PA/GF-PA CF-ASA/CF-PP/PA/PC/ASA/ABS/PP/PETG/PLA		



## Materials and Cases



Truck mudguard



Chair



Sculpture



Furniture & Decoration



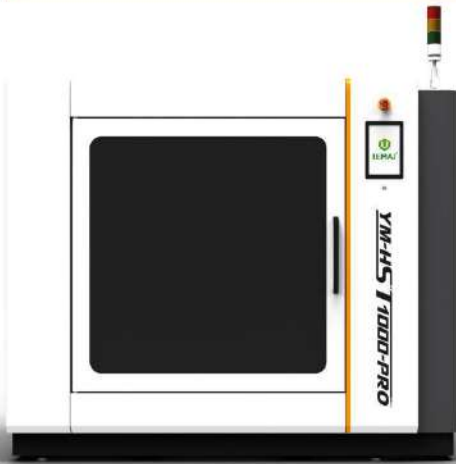
Enterprise front desk



Negotiating tables and chairs

# Print More Materials, All For Applications

## Large format 3D printer series YM-HST-1000-PRO



Principle	FFF	Power	220V 50~60Hz 11.6KW
Build Volume	1000*1000*1000 mm	Interaction control	10.1 inch touch screen
Machine Size	2027*1660*1694 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D/PRUSA
Printing Temperature	450°C	File Type	STL/OBJ/3MF
Hot bed Temperature	120°C	Printer function	* High speed printing, Max 400mm/s
Chamber Temperature	70°C		* Automatic shutdown
Filament Box Temperature	70°C		* Filament absent warning
Extruder	IDEX dual nozzle modular		* Power failure recovery
Printing Platform	Vacuum adsorption polymer film or epoxy plate		* Automatic leveling
Printing Materials	PEEK/PEKK//PPS CF-PEEK/GF-PEEK/CF-PA/GF-PA/ CF-PETG/CF-ABS/GF-ASA/CF-PLA PA/PC/ASA/ABS/PETG/TPU/PLA/ HT-SP/E-REMOVE/E-WATER		* Servo motor, ball screw, linear rail * Milling And Additive Manufacturing Interg rated Machine(optional)

## YM-NT-1000

Principle	FFF	Power	220V 50~60Hz 6.2KW
Build Volume	1000*1000*1000mm	Interaction control	5 Inch touch screen
Machine Size	1890*1450*1600 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	270°C	File Type	STL/OBJ/3MF
Hot bed Temperature	120°C	Printer function	* Filament absent warning
Nozzle quantity	Modularization, dual nozzle/large flow single nozzle		* Power failure recovery
Printing Platform	Vacuum adsorption polymer film or epoxy plate		* Automatic leveling
Filament diameter	1.75mm(dual nozzles)/2.85(single nozzle)		* Closed-loop motor, ball screw, linear rail
Printing material	CF-PA/GF-PA/ESD-PETG/ABS-FR/CF-PLA PA/PC/ASA/ABS/PP/PETG/PLA WATER-SP/E-REMOVE		



## YM-NT-750



Principle	FFF	Power	220V 50~60Hz 4.5KW
Build Volume	750*750*750mm	Interaction control	5 inch touch screen
Machine Size	1642*1110*130 mm	Supplied Software	IEMAI 3D EXPERT/CURA/S3D
Printing Temperature	270°C	File Type	STL/OBJ/3MF
Hot bed Temperature	120°C	Printer function	* Filament absent warning
Nozzle quantity	Modularization, dual nozzle/large flow single nozzle		* Power failure recovery
Printing Platform	Glass base		* Automatic leveling
Filament diameter	1.75mm(dual nozzles)/2.85(single nozzle)		* Closed-loop motor, ball screw, linear rail
Printing material	CF-PA/GF-PA/ESD-PETG/ABS-FR/CF-PLA PA/PC/ASA/ABS/PP/PETG/PLA WATER-SP/E-REMOVE		



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