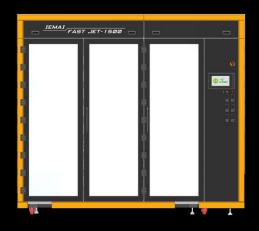


## **3D Printing Solutions For High Performance Materials**



Build Volume: 1500×1500×1500 mm

Printing Temperature: Up to 500°C

Hot Bed Temperature: Up to 120°C

Extrusion System: Liquid Cooled Single Screw With Three

**Temperature Regions** 

FAST-JET-1500

Majority of the Pellets on Market: PLA, CF-PLA, ABS, TPU, PETG, ASA, ASA-GF, PA, CF-PA, PC, CF-PC, PP, PEEK, PEKK...

Item	FAST-JET-1500		
Printing Size $(L \times B \times H)$	1500×1500×1500 mm		
Machine Size (L × B × H)	Printer:2160×2900×2520mm		
	Dolly:2040×2090×1240mm		
	Compressor: $890 \times 650 \times 835$ mm		
	Cold Dryer:650×430×670mm		
	Gas Tank:720×680×2060mm		
	Printer:2290×3030×2490 mm		
Packing Size	Dolly:2250 × 630 × 2250		
$(L \times B \times H)$	Compressor: +Cold Dryer: 1510×810×1045mm		
	Gas Tank:880×2220×930mm		
Net Weight	Printer:2000KG	Total Weight: 2323 KG	
	Dolly:50KG		
	Compressor: 131KG		
	Cold Dryer:42KG		
	Gas Tank:100KG		
Gross Weight	Printer:2300KG		
	Dolly:150KG	T-+-  \\\/-:- -+- 2072 \\/-0	
	Compressor: +Cold Dryer: 223KG	Total Weight: 2873 KG	
	Gas Tank:200KG		
Power	Printer:380V 50Hz 14200W		
	Compressor: 380V 50Hz 7550W		
	Cold Dryer: 220V 50Hz 382W		



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

	Principle:		
	Extrusion System:	Liquid Cooled Single Screw With Three	
		Temperature Regions	
	Granular Diameter:	1 – 3 mm	
	Position Resolution:	X/Y: 5.86 μm Z: 1.56 μm	
	Printing Speed:	0 - 150 mm/s	
	Printing Platform:	Aluminum plate	
	Print Bed Temperature:	120°C	
	Heated Bed Materials:	Silicon	
Common	Supporting Pellets:	PLA, CF-PLA, ABS, TPU, PETG, ASA, ASA-GF, PA,	
		CF-PA, PC, CF-PC, PP,PEEK,PEKK	
	Layer Thickness:	0.3 – 2.0 mm	
	Nozzle Diameter:	2.0 mm (Default), 1.0 mm, 3.0 mm	
		(Choosable)	
	Extruder Temperature:	Up to 500 °C	
	Connection Control:	SD Card	
	Suggest Operating Environment:	15-30°C, relatively humidity 10-90%, No	
		Moisture Condensation	
	Technology Certification:	CE, RoHS	
	Air Filter:	Activated carbon filter (Choosable)	
Software	Supplied Software:	IEMAI 3D EXPERT, Cura, Simplify3D	
	Operating System:	Windows 64 Bit	
	File Type:	STL, OBJ, 3MF	
	Output:	GCODE	
	Automatic Feeding, Quick Remove Platform		
	Servo Motor, Built In Drying Hopper		
Features	Maximum Throughput Reach 6Kg/h		
	Planetary Reducer Extruder		
	Camera Monitoring (Choosable)		
	Weight: 9.5kg Height: 670mm Width: 190mm Depth: 127mm		
	Screw Diameter:34mm Screw Length:357mm L&D Ratio:10.5:1		
	Max Motor Torque:5.4N.m Gear Ratio: 50		
	Extruder control: servo motor + planetary deceleration		
	Heating Zone: 3 Cooling Zone: 2		
Extruder Data	Heat control:PID Cooling: Liquid Cooling + Air Cooling		
	Software:IEMAI 3D EXPERT Power servo motor:STEPCNC		
	Power:2.1KW		
	Max Screw Speed: 60 (r/min)	0	
	Max Throughput: 6kg/h		
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