

Model	Parameters
Pellet 3D Printer FAST-JET-1500 	Temperature System: Printing Temperature:Max 450°C, 3 Heating Zones Hot Bed Temperature:Max 120°C, 2 Heating Zones(Outer and Inner), Aluminium Platform Hopper Dryer Temperature:Max 120°C Temperature Secure Function:Temperature PID Auto Tuning, Temperature Stability ±2°C
	Material System: 1.5-4mm Granular Diameter 3D Printing Pellet (Thermoplastic) Composite:CF-PEI, CF-PPS, CF-PC, CF-PA, GF-PA, CF-ABS, CF-ASA, CF-PETG, CF-PLA etc Engineering:PC, PA, ASA, ABS, TPU, PETG, PLA etc
	Extrusion System: Extrusion Flow:Max 6KG/H / 1282mm³/s (10mm Nozzle, Under Condition of High Speed PLA Pellet Printing) Nozzle Quantity:1 Nozzle Modular Cooling Method:Water Cooling(Heat Dissipation Zone) /Air Cooling(Print Part Cooling) Screw L&D Ratio:10.5:1 Screw Max Rotation Speed:60r/min Nozzle Size:2mm(Standard), 4/6/8/10mm (Optional) Nozzle Material:Copper(Pure Materials) /Hardened Steel (Fiber Reinforced Materials) Recommended Layer Thickness:1-4mm
	Motion Hardware: XYZ Axis Motor:Closed Loop Drive Motor XY Axis Transmission:Linear Guide & Synchronize Belt Z Axis Transmission:Linear Guide & Ball Screw Positioning Accuracy:X/Y:5.86µm Z:1.56µm
	Main Control Hardware: Screen:10.1In Color Touch Screen Screen Resolution Ratio:1280x800Px Flash Memory:1GB Internal Memory:16GB Motion Control Chip:STM32 ARM Cortex M4 168 MHz Logic Control Chip:H3 ARM Cortex-A7 Quad Core 1.6GHz
	Software Functionality: Slicing Software:IEMAI 3D EXPERT, CURA Feature Functionality:Power Failure Recovery, Pellet Loading Detection, Automatic Switch-Off, Vibration Material Feeder, Temperature PID Auto Tuning, Cloud Remote OTA Cloud Monitor and Control (1 Account for 1 Year Free, Renewal Annually USD 150) Local Network Transmission and Control Applicable to Confidentiality Enterprises, USD 980 Permanently Authorize 3 Accounts, USD 120 for Each Additional Account Machine Operating System:Linux Motion Control Firmware:Optimized Firmware Based On Marlin 2nd Development Data Transmission:Ethernet, USB, WIFI File Formats:STL, OBJ, 3MF etc Operating System:Windows10/11 64 Bits
	Size and Weight: Build Volume:1500*1500*1500mm Machine Size:Printer:2160*2900*2520mm Compressor:890*650*835mm Air Dryer:650*430*670mm Air Tank:720*680*2060mm Package Size:Printer:2290*3030*2490mm Compressor & Air Dryer:1510*810*1045mm Air Tank:880*2220*930mm Net Weight:Printer:2000KG Compressor:131KG Air Dryer:42KG Air Tank:100KG Gross Weight:Printer:2300KG Compressor & Air Dryer:223KG Air Tank:200KG
	Electric Parameter: Printer Power Supply Brand:Mean Well Printer Power Supply:215-250V Three-Phase Five Wire System /360-400V Three-Phase Five Wire System 50-60Hz Printer Max Power:14.2W Compressor Power Supply:360-400V Three-Phase Four Wire System 50-60Hz Max Power 7.6KW Air Dryer Power Supply:215-250V Single-Phase Three Wire System 50-60Hz Max Power 0.4KW 24 Hrs Average Power Consumption:6KW/H(PETG Pellet Printing)
	Packing List: Machine, Tool Kits, Start-Up Material Sets, Spare Parts, Slicing Software (Free)