Model	Parameters
Pellet 3D Printer FAST-JET-1500	**Temperature System:** Printing Temperature:Max 450℃,3 Heating Zones Hot Bed Temperature:Max 120℃,2 Heating Zones(Outer and Inner),Aluminium Platform Hopper Dryer Temperature:Max 90℃ Temperature Secure Function:PID Auto Tuning,Temperature Stability ±2℃
	Material System: 1-5mm Granular Diameter 3D Printing Pellet（Thermoplastic) High-Temperature Composite Mold Materials: CF-PEI, CF-PESU, CF-PEEK, GF-PEEK, CF-PPS, GF-PPS, CF-PPA, GF-PPA Medium-Temperature Composite Mold Materials: CF-PC, GF-PC, CF-ABS, GF-ABS, CF-ASA, GF-ASA, CF-PAHT, GF-PAHT, CF-PA6, GF-PA6 Low-Temperature Composite Mold Materials: CF-PETG, GF-PETG, CF-PET, GF-PET, CF-PP, GF-PP, CF-PLA, GF-PLA Art&Design Materials: Transparent PC, Outdoor ASA, Transparent PETG, FR Transparent PETG, Bamboo Fiber, Wood Fiber, Recycled PET, Recycled PLA
	Extrusion System: Extrusion Flow: Max 10KG/H / 2130mm³/s (10mm Nozzle,Under Condition of High Speed PLA Pellet Printing) Nozzle Quantity: 1 Nozzle Modular Extrusion motor: Servo motor Cooling Method: Water Cooling(Heat Dissipation Zone) Nozzle Size: 4mm(Standard), 2/6/8/10 mm(Optional) Nozzle Material:Hardened Steel Recommended Layer Thickness:1-8mm
	**Motion Hardware:** XYZ Axis Motor:Closed Loop Drive Motor XY Axis Transmission:Linear Module 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:32GB Internal Memory:2GB Motion Control Chip:STM32 ARM Cortex M4 168 MHz Logic Control Chip:RK3576 Octa-Core （Arm Cortex-A72 2.2GHz + Arm Cortex-A53 1.8GHz)
	Software Functionality: Slicing Software:IEMAI 3D SLICER,CURA, OrcaSlicer Feature Functionality:Power Failure Recovery, Pellet Loading Detection, Automatic Switch-Off,Temperature Holding,Slow Extrusion Mode,Temperature PID Auto Tuning,Cloud Remote OTA Cloud Monitor and Control (FREE) Local Network Transmission and Control Applicable to Confidentiality Enterprises,An Additional Fee of USD 980,Permanently Authorize. Machine Operating System:Linux Motion Control Firmware:Optimized Firmware Based On Marlin 2nd Development Data Transmission:Ethernet,USB,WIFI File Formats:STP/STEP,STL,OBJ,3MFetc Operating System:Windows10/11 64 Bits
	Size and Weight: Build Volume:1500*1500*1500mm Machine Size:Printer:2160*2900*2520mm Package Size:Printer:2290*3030*2490mm Net Weight:Printer:2000KG Gross Weight:Printer:2300KG
	Electric Parameter: Printer Power Supply:215–250V, single-phase three-wire system (65A) /360-400V Three-Phase Five Wire System 50-60Hz Printer Max Power:14.2KW 24 Hrs Average Power Consumption:6KW/H(PETG Pellet Printing)
	Packing List: Machine,Tool Kits,Start-Up Material Sets,Spare Parts,Slicing Software