

FAST-JET-1500

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

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 × B × H) | 1500×1500×1500 mm | |
| Machine Size (L × B × H) | Printer:2160 × 2900 × 2520mm Dolly:2040 × 2090 × 1240mm Compressor: 890 × 650 × 835mm Cold Dryer:650 × 430 × 670mm Gas Tank:720 × 680 × 2060mm | |
| Packing Size (L × B × H) | Printer:2290 × 3030 × 2490 mm Dolly:2250 × 630 × 2250 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 | Total Weight: 2873 KG |
| | Dolly:150KG | |
| | Compressor: +Cold Dryer: 223KG | |
| | Gas Tank:200KG | |
| Power | Printer:380V 50Hz 14200W Compressor: 380V 50Hz 7550W Cold Dryer: 220V 50Hz 382W | |

| | | |
|----------------------|---|--|
| <p>Common</p> | <p>Principle: Fused Granular Fabrication (FGF) 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 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)</p> | |
| <p>Software</p> | <p>Supplied Software: IEMAI 3D EXPERT, Cura, Simplify3D Operating System: Windows 64 Bit File Type: STL, OBJ, 3MF Output: GCODE</p> | |
| <p>Features</p> | <p>Automatic Feeding, Quick Remove Platform Servo Motor, Built In Drying Hopper Maximum Throughput Reach 6Kg/h Planetary Reducer Extruder Camera Monitoring (Choosable)</p> | |
| <p>Extruder Data</p> | <p>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 Heat control:PID Cooling: Liquid Cooling + Air Cooling Software:IEMAI 3D EXPERT Power servo motor:STPCNC Power:2.1KW Max Screw Speed: 60 (r/min) Max Throughput: 6kg/h</p> |  |