

# FUNMAT PRO 410

## Smart Industrial Level 3D Printer

### Smarter Design

Smart Dual Nozzles 3D Printing Solution,  
Automatic Leveling, Jam Warning

### Advanced Thermal Design

Heated Chamber & Sealed and Dehumidified Filament Box,  
Liquid Cooling System, 500°C (932°F) Nozzles Temperature

### Industrial-Grade Configuration

Industrial Grade Components for High Precision and High  
Quality Printing



## Technical Parameters

|                         |   |
|-------------------------|---|
| Model                   | FUNMAT PRO 410  |
| Printing Technology     | Fused Filament Fabrication (FFF)  |
| Machine Size            | 728×684×1480mm (28.7×26.9×58.3in)   |
| Build Volume            | 305×305×406mm (12×12×16in)  |
| Build Platform          | PI Sheet Heating+Ceramic Glass  |
| Leveling                | Automatic Leveling  |
| Layer Thickness         | 0.05-0.5mm  |
| Max Travel Speed        | XY: Max. 300mm/s  |
| Printing Nozzles        | 2 Printing Nozzles Without Scratching, Able to Move up and Down   |
| Extruder Temperature    | Max. 500°C/932°F  |
| Platform Temperature    | Max. 160°C/320°F  |
| Chamber Temperature     | Max. 90°C/194°F   |
| Filament Box            | 2 Spools, overall sealed design with molecular sieve dehumidification, built-in temp. and hum. monitoring sensor.                         |
| Input File Type         | .Stl/.Obj/.X3d/.3mf   |
| Filament Diameter       | 1.75mm  |
| Position Resolution     | XY: 16µm Z: 1.6µm   |
| Smart Monitor & Control | Filament Jam Warning/Filament Absence Warning/Power Failure Recovery/<br>Liquid Cooling System/Auto-Cleaning Nozzles/Over Heat Protection |
| Safety Certification    | FCC/SGS/CE  |
| Connectivity            | WiFi/Ethernet/USB   |
| Supported Materials*    | PEEK/PEEK-CF/ PEEK-GF/PEKK/PC/PC Alloys/PA/PA-CF/ASA/ABS/HIPS/PETG/<br>PLA/PVA/Carbon Fiber-Filled/Glass Fiber-Filled/ESD-Safe, etc.      |

\*results of part printing may vary depending on material and/or design and size of the printed part