

FUNMAT PRO 610 HT

High Performance Materials Production Level 3D Printer



High Build Volume

High Build Volume Up to 610×508×508mm for Industrial Applications



High Performance Materials Production Capability

Able to Print Big Size PEEK/PEKK/ULTEM™ (PEI)/PPSU and other Functional Materials without Warpage



Advanced Thermal Design

Heated Chamber Up to 300°C (572°F), Extruder Up to 500°C (932°F)



Technical Parameters

Model	FUNMAT PRO 610 HT
Printing Technology	Fused Filament Fabrication (FFF)
Machine Size	1710×1390×2080mm (67.3×54.7×80.1in)
Build Volume	610×508×508mm (24×20×20in)
Build Platform	Vacuum Absorption Platform
Leveling	Automatic Leveling
Layer Thickness	0.05-0.5mm
Max Travel Speed	XY: Max. 500mm/s Z: Max. 50mm/s
Printing Nozzles	2 Printing Nozzles Without Scratching
Extruder Temperature	Max. 500°C/932°F
Chamber Temperature	Max. 300°C/572°F
Filament Chamber Temperature	Max. 70°C/158°F
Input File Type	STL/OBJ
Filament Diameter	1.75mm
Position Resolution	XY: 12.5µm Z: 1.25µm
Motor Drive	High Precision Servo System
Smart Monitor & Control	Auto-Cleaning Nozzles/Filament Jam Warning/Filament Absence Warning/Liquid Cooling System & Vacuum Absorption Platform/Over Heat Protection/Auto-Switch Materials
Safety Certification	FCC/CE
Connectivity	WiFi/Internet/USB
Supported Materials	PEEK/PEEK-CF/PEEK-GF/PEKK/ULTEM™ (PEI)/PPSU/PC-HT/PC/PC Alloys/PA-HT/PA/PA-CF/ASA/ABS/HIPS/Carbon Fiber-Filled/GlassFiber-Filled/ESD-Safe, etc.