

FUNMAT PRO

High Build Volume Industrial 3D Printer



High Build Volume

High Build Volume of 450×450×600mm for Industrial Applications



Heated Chamber

3D Print Without Warpage. Able to print Big Size PC, ABS, PA, PA+CF, TPU, etc.



Industrial-Grade Configuration

Industrial Grade Components for High Precision and High Quality Prints

Model	FUNMAT PRO
Printing Technology	Fused Filament Fabrication (FFF)
Build Volume	450 × 450 × 600mm (17.7 × 17.7 × 23.6 in)
Build Platform	High Borosilicate Glass
Layer Thickness	0.05-0.5mm
Printing Speed	Max. 300mm/s
Extruder Temperature	Max. 270°C/518°F
Platform Temperature	Max. 120°C/248°F
Chamber Temperature	Max. 60°C/140°F
Input File Type	STL, OBJ
Filament Diameter	1.75mm/2.85mm
Position Resolution	XY: 18.75µm Z: 1.56µm
Motor Drive	4 High Performance Independent Drivers
Safety Certification	FCC and CE
Supported Material	PA+CF, PC, PC Alloys, PA, ABS, Carbon Fiber-Filled, Metal-Filled, Fiber glass-Filled, ASA, PETG, ESD-Safe, HIPS, TPU, PLA, PVA, etc.



FUNMAT PRO HT

High Build Volume Functional Materials 3D Printer



High Build Volume

High Build Volume Up to 450×450×600mm for Industrial Applications



Functional Materials Capability

3D Print PEEK, ULTEM (PEI), PPSU and other Functional Materials



High Temperature Water Cooling Metal Nozzle

High Temperature all Metal Hotend that can Heat Up to 450°C

Model	FUNMAT PRO HT
Printing Technology	Fused Filament Fabrication (FFF)
Build Volume	450 × 450 × 600mm (17.7 × 17.7 × 23.6 in)
Build Platform	PI Sheet Heating + Ceramic Glass
Layer Thickness	0.05-0.5mm
Printing Speed	Max. 300mm/s
Extruder Temperature	Max. 450°C/842°F
Platform Temperature	Max. 160°C/320°F
Chamber Temperature	Max. 120°C/248°F
Input File Type	STL, OBJ
Filament Diameter	1.75mm
Position Resolution	XY: 18.75µm Z: 1.56µm
Motor Drive	4 Independent Drivers
Safety Certification	FCC and CE
Supported Material	PEEK, PEEK+CF, PEKK, ULTEM (PEI), PPSU, PC, PC Alloys, PA, PA+CF, ABS, Carbon Fiber-Filled, Metal-Filled, Fiberglass-Filled, ASA, PETG, ESD-Safe, HIPS, TPU, PLA, PVA, etc.



FUNMAT PRO

大尺寸工业级3D打印机



大尺寸打印

最大打印尺寸可达450×450×600mm



恒温腔室

可打印大尺寸PC、ABS、PA、PA+CF、TPU无翘曲开裂



工业级配置

高精度高质量工业级部件

机型	FUNMAT PRO
成型方式	熔融沉积成型 (FFF)
成型尺寸	450×450×600mm (12×12×16in)
打印平台	高硼硅玻璃
打印层厚	0.05-0.5mm
移动速度	Max. 300mm/s
喷头温度	Max. 270°C/518°F
平台温度	Max. 120°C/248°F
腔室温度	Max. 60°C/140°F
支持格式	STL、OBJ
耗材直径	1.75mm/2.85mm
定位精度	XY: 18.75μm Z: 1.56μm
驱动系统	独立四驱动器
安全认证	FCC and CE
打印材料	PA、PA+CF、PC、PC Alloys、ABS、Carbon Fiber-Filled、Metal-Filled、Fiber glass-Filled、ASA、PETG、ESD-Safe、HIPS、TPU、PLA、PVA等。



FUNMAT PRO HT

大尺寸高性能工业级3D打印机



大尺寸打印

最大打印尺寸可达
450×450×600mm



高性能材料的打印

可打印PEEK、ULTEM、PPSU等高性能材料



全金属水冷高温打印喷头

全金属喷头可达450°C

机型	FUNMAT PRO HT
成型方式	熔融沉积成型 (FFF)
成型尺寸	450×450×600mm (17.7×17.7×23.6in)
打印平台	PI加热膜+微晶玻璃
打印层厚	0.05-0.5mm
移动速度	Max. 300mm/s
喷头温度	Max. 450°C/842°F
平台温度	Max. 160°C/320°F
腔室温度	Max. 120°C/248°F
支持格式	STL、OBJ
耗材直径	1.75mm
定位精度	XY: 18.75μm Z: 1.56μm
驱动系统	独立四驱动器
安全认证	FCC and CE
打印材料	PEEK、PEEK+CF、PEKK、ULTEM (PEI)、PPSU、PC、PC Alloys、PA、PA+CF、ABS、Carbon Fiber-Filled、Metal-Filled、Fiberglass-Filled、ASA、PETG、ESD-Safe、HIPS、TPU、PLA、PVA等。

