

FUNMAT PRO 610 HT

Production Level Industrial 3D Printer

High Build Volume

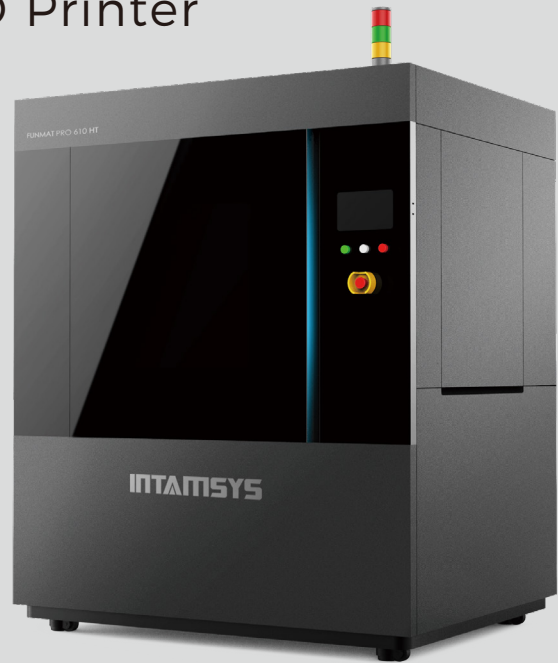
High Build Volume Up to 610 × 508 × 508mm for Industrial Applications

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, Extruder Up to 500°C



Technical Parameters

Model	FUNMAT PRO 610 HT
Printing Technology	Fused Filament Fabrication (FFF)
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
Platform Temperature	Max. 300°C/572°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 (2.85mm in option)
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, Power Failure Recovery (option), Liquid and Active Air Cooling, Over Heat Protection
Safety Certification	FCC and CE
Connectivity	WiFi, Internet, USB
Supported Materials	PEEK, PEEK+CF, PEKK, ULTEM (PEI), PPSU, PC, PC Alloys, PA, PA+CF, ABS, Carbon Fiber-Filled, Fiberglass-Filled, ASA, ESD-Safe, HIPS, PVA, etc.