

FS121M DMLS METAL 3D PRINTER



Accessible small frame metal laser sintering system

Truly open industrial grade compact DMLS platform

Ideal for rapid prototyping, low volume production, and customized medical implants.

REPEATABLE, HIGH-QUALITY PARTS



Automotive



Aerospace



Consumer Products



Mold



Medical & Dental

YOUR PRODUCTION TOOLS FOR INDUSTRIAL METAL AM

We provide top-tier industrial-grade metal DMLS systems, materials, and software. Our solutions offer unmatched flexibility in machine operation and material selection, with open parameter sets and multi-laser technology.

METAL MATERIALS

Qualified Metal Material Solutions. More than 16 alloys over 68 validated processing parameters.

Offer a higher level of customized solutions that can be tailored to your specific material and application needs.

316L, TA15, Ti6Al4V, AlSi10Mg*, IN718*, HX*, Maraging Steel Grade 300*, IN625, 420, 15-5H, 17-43P, CoCrMo, CoCrMoW, CuSn10, Pure Copper, Tungsten, Tantalum.

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**VERSATILE BUILD
ENVELOPE 4.7×4.7×3.9 IN**

**ROBUST 500 OR 300-
WATT FIBER LASER**

**EXCELLENT PART
SURFACE QUALITY**

TECHNICAL DATA	FS121M	FS121M-E
External Dimensions (L×W×H)	780×1000×1700 mm (30.7×39.4×66.9 in)	
Build Cylinder Size(1 L×W×H)	120×120×100 mm (4.7×4.7×3.9 in) (not including build plate thickness)	
Net Weight	Approx.700 kg (1543.2 lb)	
Layer Thickness	0.02mm~0.08mm (0.0008-0.0031 in)	0.02mm~0.03mm (0.0008-0.001 in)
Scanning Speed	Max. 15.2 m/s (49.9 ft/s)	Max. 10m/s (32.8 ft/s)
Laser Type	Fiber laser, 300W or 500W	Fiber laser, 300W
Scanner	Dynamic focusing system	F theta lenses
Inert Gas Protection	Argon/Nitrogen	
Average Inert Gas Consumption in Process	3-5 L / min	
Operating System	64 bit Windows 10	
Comprehensive Software	BuildStar, MakeStar®	
Key Software Features	Open machine key parameters, real-time build parameter modification, three-dimensional	
Data File Format	STL	
Power Supply	EUR/China: 220V±10%, 1~/N/PE, 50Hz, 14A	US: transformer sold with machine
Operating Ambient Temperature	22-28°C (71.6-82.4°F)	
Materials	316L, 17-4PH, Ti6Al4V, AlSi10Mg, Maraging Steel Grade 300, HX, Cu, CuSn10, CoCrMoW, CoCrMo, more materials to come	316L, 17-4PH, Cu, CuSn10, CoCrMoW, CoCrMo, more materials to come



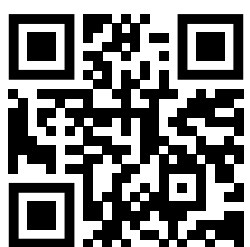
Aerospace Air Cooled Camera Housing



Dental Removable Partial Denture



Combustion chamber housing



Additive Plus combines technology, expertise, and a personal touch to deliver various 3D printing services and products: 3D printers, 3D scanners, atomizers, industrial vacuums, laboratory and analytical instruments, industrial machinery, furnaces, software, materials and many more. Local engineering and maintenance team. Flexible payments terms available. We aim to empower everyone to live their additive journey effectively.

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Sustainable
3D Manufacturing