

FS273M DMLS METAL 3D PRINTER



High Value Proposition, Medium-frame

Optimizing production time and material performance

Truly open industrial grade compact DMLS platform

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.

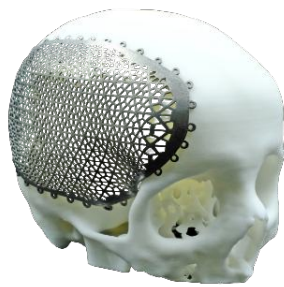
FS273M DMLS METAL 3D PRINTER

**VERSATILE BUILD ENVELOPE
10.8×10.8×14.0 IN**

**HIGHLY PRODUCTIVE SINGLE
OR DUAL 500-WATT LASER**

**BEST COST-PERFORMANCE
ON THE MARKET**

TECHNICAL DATA	FS121M	FS121M-E
External Dimension(L×W×H)	2315×1650×2105mm (91.1×65.0×82.9 in)	
Build Cylinder Size(1 L×W×H)	275×275×355 mm (10.8×10.8×14.0 in) (not including build plate thickness)	
Net Weight	Approx. 2200 kg (4850.2 lb)	
Layer Thickness	0.02~0.1 mm (0.0008-0.0039 in)	
Scanning Speed	Max. 15.2 m/s (49.9 ft/s)	
Laser Type	Single Laser, 1×500W	Dual Lasers, 2×500W
Scanner	F theta lenses or dynamic focusing system	
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: 400V±10%, 3~/N/PE, 50Hz, 20A (Single Laser) / 30A (Dual Laser) US: transformer sold with machine	
Operating Ambient Temperature	22-28°C (71.6-82.4°F)	
Materials	316L, Maraging Steel Grade 300, HX*, AlSi10Mg, Ti6Al4V, AlMgScZr*, TA15*, AlSi7Mg*, 420*, IN718*, H13*, Pure Copper*, W*, Ta*, CuCrZr*, more materials to come	



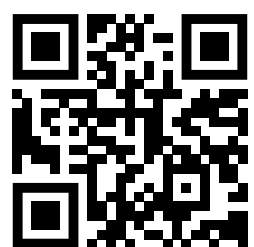
Skull implant



Automotive Front and Rear Hub Integration



Aerospace Impeller



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