

# STEREOLITHOGRAPHY 3D PRINTER SLM150



**PROTOFAB™**  
BEYOND DIMENSIONS

**ALLROUNDER**

[www.3dprotofab.com](http://www.3dprotofab.com)

## **| HIGH SPEED HIGH PRECISION HIGH QUALITY**

Use high energy density, Fine spot diameter laser, it is possible to complete the construction of complex parts that take several weeks or even months to complete by conventional methods in a very short period of time. Complete part not only has precise size, high strength, high density, but also has excellent mechanical properties and other aspects. This machine usually use in producing high precise and high quality small metal part.

## **| HIGH COST PERFORMANCE**

This machine has smooth and simple lines, it looks modern. What's more, it uses international top brand parts and has 150\*150\*100mm model space. While ensuring high-quality printing, it will help 3D printing industrialization with competitive price.

## **| MULTIPLE MATERIAL CHOICES**

Wide range of materials, it can print stainless steel, titanium alloy, aluminum, nickel, cobalt, copper etc materials.





# SLM150 TECHNICAL DATA SHEET

Exterior Size(W*D*H)	1100 x 1100 x 1890 mm ( 43.31 x 43.31x 74.41 in )
Molding Cylinder Size(W*D*H)	160 x 160 x 100 mm ( 6.30 x 6.30 x 3.94 in )
Build Size(W*D*H)	150 x 150 x 100 mm ( 5.91 x 5.91 x 3.94 in )
Printing Method	Selective Laser Melting
Thick layer	0.02~0.1mm
Galvanometer Scanning System	SCANLAB Galvanmeter System
Scan Speed	10 m/s
Laser	500W Continuous Laser
Laser Beam Diameter	25~50μm
Power Requirement	200 - 240 VAC, 50 / 60 Hz, 3 KVA, Single Phase Three Line
Powder Feeding Method	Recoating Single Plating
Inert Gas Supply	Nitrogen, Argon
Safety Explosion	Execution standard GB/T 15605-2008 Dust Explosion-proof
Operation System	64-bit Windows7
Control Software	DV6.0
Date Format	STL
Printing Material	Stainless Steel, Titanium Alloy, Aluminum, Nickel, Cobalt, Cooper



Accuracy may vary depending on build parameters, part geometry and size, part orientation and post-processing methods.

By choosing a ProtoFab SLM machine, you also gain access to comprehensive training for 3D printing, post-processing and advanced industrial design assistance. We also provide you with free lifetime technical support to help your business optimize production and maximize profitability.



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