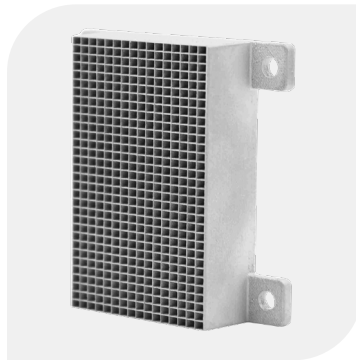
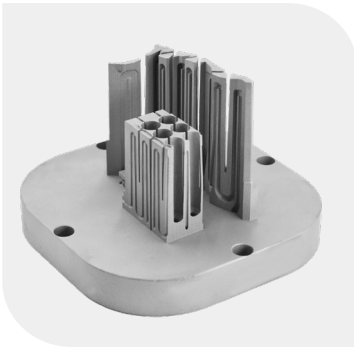


M150T SERIES

Kings Industrial SLM 3D Printers

Medium-sized laser selective melting metal 3D printer



M150T SERIES

Kings

◆ Overview

The Kings SLM M150T Series 3D Printer is a compact and flexible metal additive manufacturing system designed for precision small-part production, research, and education applications. Featuring an upgraded build chamber, advanced fresh air protection system, and open software platform, it provides a reliable and user-friendly solution for printing a variety of metal materials.

◆ Advantage



Multi-Material Printing

Supports various metal materials with an open software system



High-Quality Forming

Advanced protection system ensures stable and reliable printing



Easy Operation

Upgraded chamber design simplifies daily operation



Research-Friendly Solution

Ideal for material exploration, teaching, and process development

◆ Features

- Open Software System
- Multi-Material Metal Printing
- Fresh Air Protection System
- Upgraded Build Chamber Design
- Precision Metal Additive Manufacturing

◆ Ideal Applications

- Dental Parts, Orthopedic Implants, Medical Components, Research, Material Development, Education, Prototyping, Precision Small-Batch Production



M150T SERIES

Kings

◆ Technical Data

Printing Size	150mm × 150mm × 140mm
Machine Size	1290mm × 1040mm × 1730mm
Layer Thickness	0.02~0.1mm
Powder Delivery	Three-Cylinder Bidirectional Powder Feeding System
Printing Accuracy	±0.1(L≤100mm); ±0.1%*L(L>100mm)
Protection System	Efficient Protective Gas Circulation System (Nitrogen, Argon)
Consumables	≥25kg 316L Stainless Steel Powder, Multiple Material Process Parameter Packages
Laser Type	500W x 2 Infrared Ytterbium Fiber Lasers (Single Laser is Optional) (1064nm)
Scanning System	High-Precision Galvanometer Scanner × 2 (With F-theta Lens)
Laser Speed	Scanning: 1.0~4.0m/s (Recommended); Jumping: 5~7m/s(Recommended); Up to 7m/s
Data Processing Software	Voxeldance Additive / Magics (STL File)
Machine Control Software	Kings3D SLM Self-Developed Software
Operating System	Windows 10
Data Format	STL, SLC, JOB
Power Supply	220V 50Hz
Rated Power Consumption	10kW (Single Laser) / 12kW (Dual Laser)
Preheating Temperature	RT+20°C~80°C
Industrial Computer Configuration	i7\16G
Build Efficiency	10~25cm ³ /h
Relative Humidity	≤40%
Ambient Temperature	15-30 °C
Equipment Weight	860kg
Printing Materials	Stainless Steel, Cobalt-Chrome Alloy, Titanium Alloy, Tool Steel, Aluminum Alloy, etc.



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