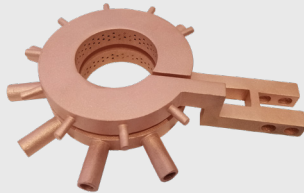
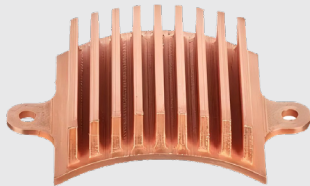


M150G

Kings Industrial SLM 3D Printer

High-Precision Scanning System
Industrial-Grade Structure



◆ Overview

The Kings 150G SLM 3D Printer is an advanced green laser metal additive manufacturing system designed for processing highly reflective and difficult-to-form metal materials. Equipped with green laser technology, it delivers higher laser absorption efficiency for materials such as copper, gold, silver, aluminum, and other reflective alloys.

With a smaller laser spot and higher energy density, the 150G enables precise metal melting, finer details, and excellent surface quality. It is an ideal solution for material research, process development, and precision metal part manufacturing.

◆ Features

-  **Green Laser Technology**
Enables efficient processing of highly reflective metals
-  **High Laser Absorption**
Improves forming efficiency and reduces processing challenges
-  **Fine Detail Printing**
Delivers precise structures and superior surface quality
-  **Wide Material Compatibility**
Supports copper, aluminum, silver, gold, and other advanced alloys
-  **Flexible Process Development**
Provides an ideal platform for material research and application exploration

◆ Applications

- Copper Alloy Components
- Electronics & Heat Dissipation Parts
- Aerospace Components
- Automotive Parts
- Medical Devices
- Scientific Research & Material Development
- Precision Industrial Components

◆ Technical Data

Build Size	150 × 150 × 150mm
External Dimensions	1280 × 860 × 1780mm
Layer Thickness	0.02mm~0.1mm
Laser Power	500W IPG Green Single-Mode Fiber Laser (500W)
Scanning System	High-Precision Galvanometer Scanner
Scanning Speed	Max 7m/s
Feeding Method	Dual-cylinder, Single-feeding Powder System
Preheat Temperature	Self-developed Control and Toolpath Planning Software System
Data Format	STL Files or Other Convertible Formats
Display	17.3-inch Monitor
Filtration system	Standard Filtration Unit
Build Plate Heating	Up to 200°C (with integrated piston water cooling)
Power Supply & Consumption	220V 50Hz 10kW
Ambient Temperature	Operating Temperature 15~30°C
Equipment Weight	830kg
Printing Materials	Red copper, copper alloys, refractory metals, gold, aluminum alloys, etc.

