

Kings M50E SLM

Kings Industrial FDM 3D Printers

23 Innovative Technologies, High Speed FDM 3D Printing

Efficient and Cost-Effective Prototyping

Bring Your Idea into Reality

Overview

Kings M50E SLM 3D Printer is a new generation of metal 3D printers specially developed by Kings 3D Printing for the vocational education industry.

Its biggest feature is that it can perform metal 3D printing without inert gas protection.

It is easy to operate and has no exhaust system, thus saving exhaust time and protective gas costs.

It is very suitable for low-cost education and training work, providing complete metal 3D printing operations and skills training for students and vocational trainees.



Ideal Applications

Widely used in New Materials and Processes

R&D, Education, Scientific

Research, Dentistry, Jewelry Industry

Features

- (1) **Work Without Protective Gas.**
Metal 3D forming without protective gas,saving exhaust time and protective gas costs.
- (2) **High Precision and Strong Stability.**
High-precision scanning galvanometer ensure high precision and strong stability.
- (3) **Double Circulation Wind Site Protection System.**
Dual-circulation wind site protection system to extend the lifespan of the optical components.
- (4) **High Security.**
Multiple safety insurance, high safety performance.

Product Details

TECHNICAL CONFIGURATION	SPECIFICATION PARAMETERS
The Type of 3D Printer:	Kings M50E SLM 3D Printer
External Dimensions(L*W*H):	720*810*1500mm(28.3*31.8*59 in)
Build Cylinder Size(L*W*H):	φ70*50mm(φ2.7*1.9 in)
Scanning Speed:	7.8m/s
Laser Type:	Single Fiber Laser 30W (wind cool); 200000 hours
Galvanometer:	High Precision Glavo Scanning System/ Han's Scan Head 30W
Materials:	Additive Manufacturing Metals & Alloys: Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Tool Steel, Cobalt Chrome, Copper Alloy, etc.
Powder Delivery:	Double Cylinder One Way Powder Feeding

Printings

