

Kings M280HD 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 M280HD SLM 3D Printer is a medium-sized laser selective melting metal 3D printing equipment developed by KINGS 3D Printing.

It prints in a moderate size with high precision.

With an ultra-efficient air filtration system and double circulation wind site protection system, double protection reduces printing defects and ensures the quality of parts.

Widely used in production or custom molds, industrial precision components, aerospace, automobile manufacturing, medical applications, scientific research, etc.

Ideal Applications

Mold Making, Industrial Precision Components,
Aerospace, Automotive, Medical
Applications, Scientific Research, etc.



Features

- (1) High Precision & High Quality

High-precision scanning galvanometer ensure high precision and strong stability.
- (2) Double Circulation Wind Site Protection System

Dual-circulation wind site protection system to extend the lifespan of the optical components.
- (3) Fully Pop-up Piston System

Equipped with a fully pop-up piston system, it is more convenient and quicker to replace metal powders, and 100% eliminates cross powder contamination when replacing powders.
- (4) All Closed Llooped Powder Handling System

The low oxygen content in the manufacturing environment ensures that the metal is not oxidized, and is compatible with powders of different specifications.

Product Details

TECHNICAL CONFIGURATION	SPECIFICATION PARAMETERS	Comprehensive Software:	Kings 3D Self-developed Control System
The Type of 3D Printer:	SLM Kings 3D Printer M280HD	Inert Gas Protection:	Argon/Nitrogen
External Dimensions(L*W*H):	1600*1100*2100mmm (63*43.3*82.6 in)	Operating System:	64 bit Windows 10
Build Cylinder Size(L*W*H):	250*250*280mm(9.8*9.8*11 in)	Data File Format:	STL or Other Convertible Format
Scanning Speed:	15m/s	Power Supply:	220V AC 50/60HZ 32A Single Phase
Laser Type:	Dual IPG Lasers, 2*500W	Operating Ambient Temperature:	15-36 °C
Layer Thickness:	0.02mm~0.1mm(0.0008-0.0039 in)	Materials:	316L, Ti6Al4V, IN718, AISi10Mg etc., more materials
Scanner:	High Precision Glavo Scanning System	Powder Delivery:	Double Cylinder One Way Powder Feeding

Printings

