



# DDS-300D METAL 3D PRINTER

POWDER CIRCULATION SYSTEM HELPS MASS PRODUCTION

EXCLUSIVE TOOLS FOR PROTOTYPE MODEL AND INDUSTRY MOLD



## Product Model

## DDS-300D

Build Volume Height inclusive of build plate	300X300X400mm (LXWXH)	Printer Dimensions	2705 × 990 × 2100mm (L×W×H)
printer weight	1200 kg	Powder Feeding and Recoating Type	Upper powder feeding & Bidirectional recoating
Preheat Temperature	0-200°C	Laser Type	Fiber laser
Maximum Power	10 KW	Laser Source	Dual lasers
Input Voltage	Three-phase 380V	Beam Spot Size	50-200um (Adjustable)
Vibrating Mirror Type	Grating type high-precision digital coding lens	Protective Gas	N2, Ar
Scanning Speed	0-10m/s	Layer Thickness	20-150um
Circulatory System	0-2m3/min multi-layer air curtain protection.	Z Axis Resolution	lum
Filter System	The filtration efficiency of particle larger than 0.5 micron is 99.9%. (Upgradeable permanent filter) FastFab, with operation authority to control process guidance and online monitoring	Scanning Mode	Checkerboard grid, honeycomb hexagonal grid, octagonal grid, strips, parallel lines, etc.
Control Software	FastFab, with operation authority to control process guidance and online monitoring	Scanning Mode	Stainless steel, cobalt-chromium alloy, titanium alloy, pure titanium die steel, aluminum alloy and other metal materials.
Scanning Accuracy	The scanning repetitive positioning accuracy is < 2 μ rad; The linearity is 99.9% and the range is 20%. Proportional drift: 8PPM/°C 08		

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