



DDS-400

METAL 3D PRINTER



Multiple lasers

Multigalv-
anometer

Efficient printing

Rapid production

Product Model

DDS-400

Build Volume Height inclusive of build plate	300X300X400mm (LXWXH)	Printer Dimensions	3013×1140×2010mm (LXWXH)
printer weight	1200 kg	Powder Spreading Method	Upper powder feeding & Bidirectional recoating
Preheat Temperature	0-200°C	Laser Type	Fiber laser
Maximum Power	10 KW	Number of Lasers	4` 8
Powder Spreading Method	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	1um
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		