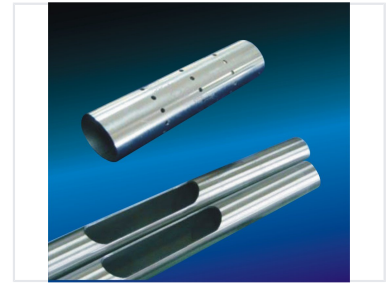


300W Fiber Laser Sheet Metal Cutting Machine

This fiber laser cutting machine is designed for cutting sheet metal up to 3mm thick. It has a maximum cutting speed of 10m/min and a cutting area of 3000mmx1500mm.



ADDITIONAL IMAGES



Overview

High-Precision Fiber Laser Cutting

This 300W fiber laser cutting machine is engineered for high-speed, precision processing of sheet metal up to 4mm thick. Utilizing advanced semiconductor-pumped ytterbium-doped fiber technology, it offers exceptional beam quality and energy efficiency for industrial applications. The robust gantry CNC design ensures stability and reliability for continuous 24-hour operation.

Performance Metrics

Laser Output Power

300 W

Output Power

10 m/min

Max Cutting Speed

Cutting Specifications

Parameter	Value
Max Cutting Range	3000 x 1500 mm
Cutting Depth	0.2 - 3 mm
Min Line Width	d 0.12mm

Technical Details

Laser Technology	Semiconductor pumped continuous yb-doped fiber
Laser Wavelength	1070 nm
Electro-optical Conversion Efficiency	>25%
Cooling System	Air cooling

Operation & Environment

Power Requirements	380V / 50Hz / 12KVA
Operating Temperature	5 — 35 °C
Continuous Working Capacity	24 hours

Physical Specifications

Dimensions (L x W x H)	3750 x 2280 x 1680 mm
Weight	3000 kg

Applications

Target Industries

- Metal Products
- Hardware
- Precision Machinery
- Auto Parts
- Jewelry
- Advertising

Compatible Materials	Stainless Steel, Alloy Steel, Copper, Titanium
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