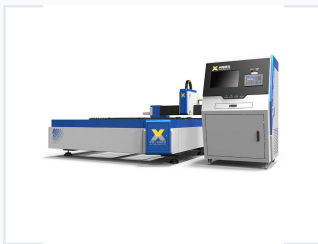


Gantry Fiber Laser Metal Cutting Machine

This fiber laser cutting machine excels in both plane and bevel cutting, producing smooth and tidy edges. Its mechanical beam facilitates three-dimensional cutting, offering high photoelectric conversion efficiency for energy conservation and environmental protection.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Gantry Fiber Laser

This gantry-style fiber laser cutting system is engineered for high-accuracy cutting of metal sheets and plates. Utilizing advanced optical focusing, it delivers clean and precise results for diverse applications ranging from aerospace to household appliance manufacturing. Its energy-efficient design offers a cost-effective alternative to traditional CO2 systems by reducing gas consumption and minimizing space requirements.

Performance Metrics

Key Capabilities

1.2 G

Max Acceleration

100 m/min

Maximum Cutting Speed

0.02 mm

Repeat Positioning Accuracy

Technical Specifications

Working Area	3000mm * 1500mm
Cutting Thickness Range	0.5-20mm
Available Laser Power	1000W, 1500W, 2000W, 3000W, 4000W, 6000W

Electrical Requirements

Voltage and Frequency	380V 50Hz/60Hz
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Industry Applications

Primary Industries

- Aviation and Aerospace
- Automobile Manufacturing
- Electrical Equipment
- Metro Parts
- Grain and Textile Machinery
- Shipbuilding
- Metal Processing and Fabrication