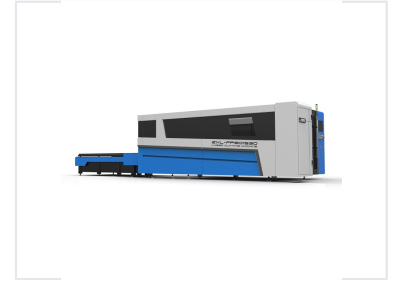
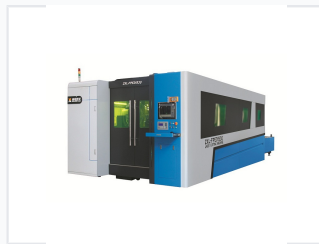


Gantry Fiber Laser Cutting Machine for Metal

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



ADDITIONAL IMAGES



Overview

High-Precision Gantry Fiber Laser Cutting

This gantry-type fiber laser cutting machine utilizes advanced optical focusing to deliver smooth, accurate cuts on metal plates. Designed for both plane and three-dimensional cutting, it offers high photoelectric conversion efficiency, making it an energy-conscious choice compared to traditional CO₂ lasers. The system features dual exchange working tables for efficient loading and unloading, making it ideal for medium-thick plate processing across industries like aerospace, automotive, and electrical equipment.

Technical Specifications

Performance Metrics

120 m/min

Max Speed

1.5 G

Max Acceleration

0.02 mm

Repeat Positioning Accuracy

Available Laser Power	1000W, 2000W, 3000W, 4000W, 6000W
Working Area	3000mm x 1500mm
Cutting Thickness Range	0.5 - 20mm
Voltage and Frequency	380V, 50Hz/60Hz

Features

Key Capabilities

- Dual exchange working tables for continuous operation
- High photoelectric converting efficiency
- Suitable for plane and bevel cutting
- Three-dimensional cutting capability
- Energy-saving and environmentally friendly design

Applications

Typical Industries

Aerospace • Automotive • Electrical Equipment • Shipbuilding • Elevator Manufacturing • Household Appliances • Metal Processing