

Fiber Laser Cutting Machine for Steel Plate

This fiber laser cutting machine is designed for precise cutting of steel plates. It features a high-performance fiber laser source and an advanced control system for automated operation.



ADDITIONAL IMAGES



Product Overview

High-Precision Fiber Laser Cutting System

This industrial-grade fiber laser cutting machine is engineered for high-efficiency processing of steel plates. Utilizing a robust gantry CNC structure with high-temperature annealed components, it ensures exceptional rigidity and long-term stability. The system is designed for low maintenance and high productivity, featuring advanced fiber laser technology that delivers superior cutting quality with minimal deformation and high positioning precision.

Technical Specifications

Model	GS-LFDS3015
Laser Output Power	3000 W
Cutting Area (L x W)	3000 x 1500 mm
Positioning Precision	0.03 mm

Performance & Efficiency

Photo-electric Conversion Efficiency

30 %

Conversion Efficiency

Key Advantages

- Low power consumption
- Maintenance-free laser route (no reflective lenses)
- High-speed operation
- Superior cutting quality with minimal deformation
- Compact footprint

Construction & Design



The GS-LFDS3015 series features a robust gantry design for stable, high-precision metal plate cutting.

Construction Highlights

Gantry CNC Structure, High-Strength Welded Body, High-Temperature Annealing, Aluminum Beam, High-Precision Drive