

Fiber Laser Cutting Machine

This machine is widely used in industries such as kitchen appliances, lighting hardware, and sheet metal processing. It adopts a floorstanding gantry dual-drive structure, making it compact and easy to maintain.



Product Overview

High-Efficiency Fiber Laser Cutting System

This advanced fiber laser cutting machine utilizes a floorstanding gantry dual-drive structure to ensure high precision and stability in metal sheet processing. Equipped with high-performance laser sources and precision components, it provides fast cutting speeds and superior photoelectric conversion efficiency. The system is designed for ease of maintenance and long-term operation, making it an ideal choice for industries ranging from hardware manufacturing to display equipment and advertising.

Performance Specifications



High-precision laser cutting head with auto-sensor focal adjustment and professional control software.

Laser Power Range

500 W

Minimum Power

12000 W

Maximum Power

Carbon Steel Cutting Capacity	20 mm
Stainless/Silicon/Galvanized Steel Capacity	10 mm
Maximum Moving Speed (X/Y Axis)	120 m/min

Technical Components



Core mechanical components, including heavy-duty linear guides and cooling systems for high-speed stability.

Key Technical Components

- HIWIN 35mm Linear Guides
- YYC Precision Gear Rack
- Automatic Gear Lubrication System
- Water Cooling System
- Electrical Cabinet Air Conditioning

System Control Features

- Cypcut Control System
- CAD/CAM Automatic Programming
- Automatic Nesting Software
- Multi-language Interface (Chinese/English)
- Motorized Auto-Focus Control

Supported Laser Sources

Raycus, Max, nLight, IPG

Design and Build

Structural Characteristics

- Floorstanding gantry dual-drive structure
- Plug-welded and annealed main frame
- Lightweight aluminum beam construction
- Rotatable ball support worktable for easy plate handling