

Fiber Laser Cutting Machine for Plates and Pipes

This fiber laser cutting machine is designed for processing both plates and pipes. It features advanced laser technology and a user-friendly control system for high cutting speed and accuracy.



ADDITIONAL IMAGES



Overview

High-Performance Fiber Laser Cutting System

This versatile fiber laser cutting machine is engineered for both sheet metal and tube processing, offering a cost-effective solution for high-precision industrial manufacturing. Featuring a gantry double-drive structure and stress-relieved steel frame, it ensures exceptional rigidity and stability during operation. The system integrates advanced servo transmission and high-precision components to deliver rapid, accurate cutting for a wide range of metal shapes and profiles.

Performance Metrics

Max Positioning Speed

160 m/min

Simultaneous Positioning Speed

Technical Specifications

Construction Features

- Gantry double-drive structure
- Welded steel plate frame
- Annealing treatment for stress relief
- Aluminum alloy extrusion gantry
- High-performance servo transmission

Cutting Capabilities

Sheet Metal, Square Tubes, Round Tubes, Rectangular Tubes, Hexagonal Tubes, Oval Tubes

Control & Precision

Precision Components

- German precision rack pinion
- Double W rotation system
- Linear guide rails

Control System

Cypcut Control System

Design & Utility

Design Benefits

Space Saving • High Rigidity • Stress-Relieved Frame • Integrated Collection Funnels