

CNC Fiber Laser Metal Cutting Machine

This CNC fiber laser cutting machine is designed for high-precision metal processing. It utilizes a fiber laser source and advanced control system to deliver precise and efficient cutting of various metal materials.



ADDITIONAL IMAGES



Overview

High-Precision Metal Cutting Solution

This CNC fiber laser cutting machine features a gantry and double-driven structure, ensuring high rigidity and steady movement during operation. The steel-weld frame undergoes annealing treatment to maintain constant accuracy over time. Designed for efficiency, it utilizes an IPG fiber laser source known for high electro-optic transfer efficiency and low running costs, making it an ideal choice for professional metal processing applications.

Technical Specifications

Machine Construction

- Gantry and double-driven structure
- Steel-weld machine frame
- Annealing treatment for frame stability

Transmission System

German rack and pinion mechanism for high accuracy and long service life

Laser System

Laser Source Type

IPG Fiber Laser

Key Laser Advantages

High electro-optic efficiency, Low running cost, Low maintenance

Software & Control

Programming Software Capabilities

- Auto nesting function
- Manual nesting function
- Flexible operation
- Complete material utilization