

Metal Fiber Laser Cutting Machine (3kW-15kW)

Metal fiber laser cutting machines are available in power options ranging from 3kW to 15kW. These machines are designed for efficient and accurate cutting of various metal materials.



Overview



High-precision fiber laser cutting machine designed for industrial applications.

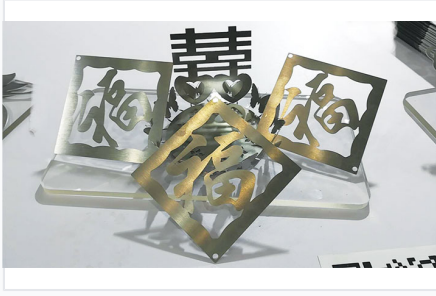
High-Precision Fiber Laser Cutting

This industrial-grade metal fiber laser cutting machine is engineered for high reliability, exceptional speed, and superior accuracy compared to traditional plasma or punching methods. Designed for versatility, it supports power configurations from 3kW to 15kW, making it ideal for processing various metal materials with clean edges and minimal waste. The system features a user-friendly interface, lower power consumption, and enhanced safety features to ensure an efficient and productive workflow for modern manufacturing environments.

Key Benefits

- Higher reliability via optimized table structure
- Superior cutting accuracy compared to plasma
- Faster processing speeds than punching
- Lower power consumption versus CO2 lasers
- Reduced noise and dust emission
- Enhanced worker safety

Performance Metrics



Showcasing precision craftsmanship with intricate laser-cut metal designs.



Complex patterns and shapes demonstrate the machine's high cutting capability.



Precision-cut metal samples suitable for architectural and artistic installations.

Performance Specifications

80 m/min

Max Transverse Speed

0.8 G

Acceleration

0.05 mm

Positioning Accuracy

0.03 mm

Repeating Accuracy

Technical Specifications

Model Comparison

Feature	HGLB3015Q	HGLB3015E
Process Area (mm)	1500x3000	1500x3000
Total Weight (kg)	5600	4000
Overall Size (mm)	10000*3100*2200	4500*2400*2100

Process Gases

O2 (M.S) • N2 (S.S)

Compatible Laser Sources

IPG, Raycus, N-light

CNC System

Friendess/CYPUT