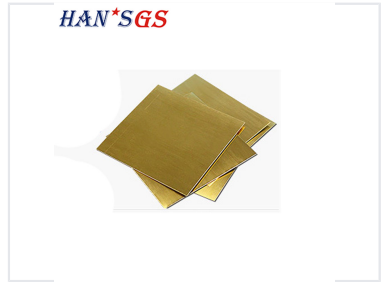


500W/1000W Laser Metal Cutting Machine for Steel Plate

This laser metal cutting machine is designed for precision cutting of steel plates. It is available in 500W and 1000W power configurations.



ADDITIONAL IMAGES



Overview

High-Precision Fiber Laser Cutting Solution

This compact laser metal cutting machine is engineered for precision processing of steel plates ranging from 5mm to 15mm in thickness. Available in 500W and 1000W configurations, it combines a small footprint with industrial-grade stability, making it ideal for workshops with limited space. The system features a high-strength welded bed and an aerometal girder to ensure long-term accuracy and vibration resistance during high-speed operations.

Performance Metrics

Laser Power Options

500 W

Standard Power

1000 W

High Power

Max Cutting Thickness

15 mm

Cutting Capabilities

500W Cutting Speed Reference

Material	Thickness (mm)	Max Speed (m/min)
Stainless Steel	0.5	15
Stainless Steel	1	9
Stainless Steel	2	2.8
Stainless Steel	3	1.1
Carbon Steel	1	7

Mechanical Design

Machine Bed Features

- High-strength whole welding cutting bed
- Annealed to relieve internal stress
- Gantry-type flying optical path structure
- High-temperature annealing for shock resistance
- Large CNC gantry milling machine precision processing

Girder Construction

One piece casting aerometal girder with light weight and high dynamic performance

Applications

Processing Capabilities

Cutting • Welding • Drilling • Cladding • Heat Treatment

Supported Materials

Steel Plate, Stainless Steel, Carbon Steel, Brass Sheets