

Single Table Fiber Laser Metal Cutting Machine

This laser cutting machine is capable of cutting various metal sheets and pipes, with an optional pipe cutting device. It is suitable for rapidly cutting stainless steel, carbon steel, galvanized sheet, electrolytic plate, brass plate, aluminum plate, manganese steel, and various alloy plates.



Product Overview

High-Performance Metal Laser Cutting

This single table fiber laser metal cutting machine is engineered for precision and efficiency across a wide range of industrial metal applications. Featuring a high-rigidity machine bed processed with specialized high-temperature annealing, the machine ensures long-term stability and operational accuracy. Its advanced fiber laser source offers exceptional electro-optical conversion efficiency and a service life exceeding 100,000 hours, resulting in significantly reduced power consumption and lower overall operating costs.

Technical Specifications

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|-----------------------|---|
| Conversion Efficiency | 30 % |
| Laser Service Life | 100000 hours |
| Core Advantages | High-Rigidity Bed, High-Temperature Annealing, Maintenance-Free Optical Path, Low Operating Costs, High Precision |

Applications

Cutable Materials

- Stainless steel
- Carbon steel
- Galvanized sheet
- Electrolytic plate
- Brass plate
- Aluminum plate
- Manganese steel
- Various alloy plates

Primary Applications

Metal Fabrication • Signage • Decorative Arts • Sheet Metal Processing • Pipe Cutting