

High Power Fiber Laser Cutting Machine with Shuttle Table and Enclosed Cover

This high-power fiber laser cutting machine is equipped with a shuttle table and enclosed cover. It is available in 6KW, 8KW, and 12KW power configurations.



ADDITIONAL IMAGES



Overview

High-Performance Fiber Laser Cutting System

This high-power fiber laser cutting machine is engineered for industrial-grade metal fabrication, featuring a robust enclosed design for enhanced operator safety and noise reduction. Equipped with a high-speed synchronous shuttle table system, it minimizes downtime by allowing simultaneous loading and unloading of materials. The machine utilizes an aviation-grade aluminum extrusion crossbeam and a heavy-duty fabricated structure to ensure consistent, high-precision cutting accuracy across mass production cycles.

Performance & Capacity

Laser Power Range

2000 W

Minimum Power

15000 W

Maximum Power

Shuttle Table Exchange Time

9 s

Min Exchange

14 s

Max Exchange

Standard Work Size

4000 x 2000 mm

Materials

Compatible Materials

Stainless Steel, Carbon Steel, Manganese Steel, Brass, Galvanized Plate, Aluminum Alloy

Technical Specifications

Core Components

Component	Technology/Type
Crossbeam	Aviation-grade aluminum extrusion
Drive System	Double drive 6-track crawling
Gas Control	Japan SMC
Cutting Head	Auto-focus / Pro-cutter

Safety & Design

Safety & Environmental

- Fully enclosed cover
- Camera monitoring system
- Fume extraction capability
- Laser radiation containment

Service & Warranty

Standard Warranty	1 Year (Excluding consumables like nozzles, lens, and bellows)
Installation & Training	Yes