

6KW/8KW Fiber Laser Cutting Machine with Shuttle Table and Enclosed Cover

This high-power fiber laser cutting machine is equipped with a shuttle table for efficient material handling and an enclosed cover for enhanced safety. Available in 6KW and 8KW power configurations, it offers high cutting speeds and accuracy.



ADDITIONAL IMAGES



Overview

Industrial High-Power Fiber Laser System

This high-performance fiber laser cutting machine is engineered for precision metal fabrication in demanding industrial environments. It features a robust, fully enclosed design with a high-speed synchronous shuttle table that enables continuous loading and unloading for maximum productivity. With advanced motion control and high-precision cutting heads, it delivers consistent accuracy and stability across a wide range of sheet metal thicknesses.

Performance & Capacity

Laser Power Range

2000 W
Minimum Power

15000 W
Maximum Power

Working Area 6000 x 2000 mm

Shuttle Table Exchange Time 14 s

Materials

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

Construction & Design

Design Features

- Fully enclosed safety cover
- Aviation-grade aluminum extrusion crossbeam
- Synchronous shuttle table system
- Double-drive 6-track crawling mechanism
- Industrial fabricated structure with annealing and aging treatment

Key Components

Core Components

System	Technology/Source
Laser Source	IPG / RAYCUS
Servo Motor	Schneider / YASKAWA / Panasonic
Gas Control	Japan SMC
Cutting Head	Raytools / WSX / Precitec
Drive System	Taiwan Rack and Pinion