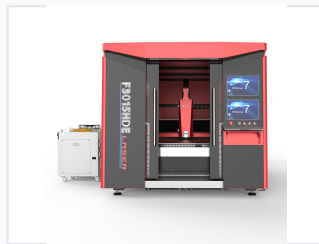


3kW Laser Cutting Machine with Pallet Changer

This 3kW laser cutting machine features a pallet changer and a fully enclosed cover for enhanced safety and efficiency. The 3M configuration provides a substantial working area suitable for processing large materials.



ADDITIONAL IMAGES



Overview

High-Performance Fiber Laser Cutting

This 3kW laser cutting machine features a fully enclosed shuttle table and a rapid pallet changer, designed for high-efficiency metal fabrication. Equipped with a standard 3000x1500mm work area and camera monitoring, it ensures both safety and precision during continuous mass production. The climbing track system provides superior stability and consistent cutting accuracy compared to traditional pneumatic exchange platforms.

Technical Capabilities

Performance Metrics

3000 mm

Work Table Length

1500 mm

Work Table Width

3 kW

Laser Power

9 s

Min Exchange Time

Compatible Materials

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

Machine Construction

Build Quality

- Aviation-grade aluminum extrusion crossbeam
- Industrial fabricated sheet metal structure
- Annealing and aging treatment for stress relief
- Precision CNC milling of structural components
- Double-drive 6-track crawling system

Safety & Operation

Safety & Monitoring

Fully Enclosed Table • Camera Monitoring • Europe Standard Safety • Dual-Screen Interface

Components

Integrated Components

| System | Component Type |
|------------------|--|
| Motion Control | Servo Motors (Schneider/Yaskawa/Panasonic) |
| Transmission | Rack and Pinion |
| Gas Control | SMC Gas Control System |
| Cutting Head | Automatic Cutting Head |
| Operating System | Windows-based Interface |

Service & Warranty

On-Site Support

Comprehensive on-site installation and operator training are provided over a period of 8-13 days. The buyer is responsible for technician travel expenses including round-trip airfare, local transportation, and accommodation.

Standard Warranty

One year for the whole machine (excluding consumables like nozzles and lenses)