

Automatic Laser Cutting and Marking Machine

This automatic laser cutting and marking machine is applicable for high-speed cutting and marking of materials. It is designed for precision cutting and marking of various materials.



ADDITIONAL IMAGES



Overview

High-Precision Automated Laser Solution

This automatic laser cutting and marking machine is engineered for high-speed, precision processing of mobile phone film switches and similar materials. Featuring an advanced CO2 laser system and automated material handling, it supports 24-hour continuous operation with minimal manual intervention. The unit integrates a robust cooling system and high-precision servo motors to ensure consistent quality and efficiency in industrial environments.

Core Specifications

Laser Performance

30 W

Laser Power (Standard)

1064 nm

Wavelength

0.01 mm

Marking Precision

Laser Technology

USA Imported CO2 laser (water-cooling/wind-cooling)

Performance & Speed

Operational Speeds

| Metric | Value |
|--------------------------|------------|
| Materials delivery speed | d300m/s |
| Max Marking Moving Speed | 0-7000mm/s |
| Max scanning speed | 10000mm/s |

Marking & Engraving Depth

3 mm

System & Compatibility

| | |
|---------------------|-------------------------------|
| Compatible Software | CorelDRAW, Photoshop, AutoCAD |
| Supported Formats | DST, PLT, BMP, DXF |
| Electricity Demand | 220V ±10% 15A |

Operational Features

Machine Advantages

- 24-hour continuous automated operation
- Automatic material delivery and collection
- Integrated cooling system for scanning head
- Double route wind vent system for smoke extraction
- Drawer-style scrap recycling