

Camera-Guided Laser Cutting Machine

This laser cutting machine utilizes a camera system for precise material alignment. It is designed for industrial applications requiring intricate and accurate cuts.



Overview

High-Precision Camera-Guided Cutting

This camera-guided laser cutting machine is engineered for high-precision industrial applications, specifically designed for processing touch screens and intricate materials. It utilizes advanced DSP control technology to deliver high-speed curve cutting and optimized pathing for maximum efficiency. The system features a sophisticated micro-photographic positioning system and a robust dual-suction design to ensure clean surfaces and precise material alignment during operation.

Technical Features

Control System	Advanced DSP Control Technology
Positioning Accuracy	Micro-photographic positioning system
Transmission System	Precise lead screw transmission

Operational Efficiency

Suction Mechanism

- Upper suction device (moves with cutting head)
- Lower suction device (worktable integration)

Performance Highlights

1 High-speed

Curve Cutting

1 Shortest path

Path Optimization

Application

Compatible Materials

Rubber • Plastics • Organic Glass • Fabric • Leather • Wool

Suitable Industries

Touch Screen Manufacturing, Precision Electronics, Textile Processing, Leather Goods