

Laser Cutter with CCD Camera for Leather

This laser cutter is equipped with a CCD camera to accurately identify and cut leather. It is designed for creating precise patterns and designs on genuine leather.

Overview

High-Precision Leather Cutting Solution

This industrial laser cutter is specifically engineered for genuine leather processing, featuring an advanced digital CCD camera system for defect identification and automatic nesting. The system utilizes a vacuum conveyor table to ensure material stability and continuous cutting, significantly increasing material utilization. Designed for large-format applications, it is ideal for the sofa, leather goods, and garment industries.

Technical Specifications

Laser Type	CO2 RF metal laser tube
Laser Power	150 W
Cutting Area	1600mm X 2500mm
Cutting Speed (No-Load)	18000 mm/min
Repeating Location Accuracy	0.5 mm
Power Supply	AC220V / 50Hz

Features & Software

Core Features

- Digital CCD camera for defect avoidance
- Vacuum conveyor working table
- Automatic pattern nesting and digitizing
- Projection system for real-time nesting assistance
- Continuous roll material cutting system

Supported File Formats	AI, BMP, PLT, DST, Lectra, Gerber
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System Configuration

Standard Equipment

- 550W up exhaust fan
- Two 1100W down exhaust fans
- Top exhaust filtration system
- Assisted mini air compressor
- Digital camera
- Projector

Optional Equipment

- 100W CO2 RF metal laser tube
- 120W CO2 hermetic/detached laser tube
- Auto focus system
- 3KW down exhaust fan

Performance Metrics

Efficiency Metrics

12 %

Material Utilization Increase

15 Megapixel

Camera Resolution