

Leather Seat Cover Laser Cutting Machine

This laser cutting machine is designed for cutting leather seat covers. It provides precision and efficiency in manufacturing processes.

Overview

Precision Leather Cutting Solution

This high-precision laser cutting machine is specifically engineered for genuine leather processing, making it an ideal choice for automotive seat covers, leather garments, and upholstery industries. It features an advanced digital CCD camera system for defect identification and automated nesting, ensuring maximum material utilization. With its vacuum-conveyor table and continuous cutting capabilities, it offers efficient, high-volume production for complex leather shapes.

Technical Specifications

Laser Type	CO2 RF metal laser tube
Laser Power	150 W
Cutting Area	1600mm X 2500mm
Cutting Speed	18000 mm/min
Motion System	Servo system with high-precision integrative CNC
Supported File Formats	AI, BMP, PLT, DST

Key Features

Advanced Capabilities

- High-precision digital CCD camera for defect detection
- Automated nesting for material efficiency
- Sample projection for cutting area visualization
- Vacuum conveyor table for secure fabric handling
- Continuous cutting with automatic roll pulling

Performance Metrics

12 %

Material Utilization Increase

0.5 mm

Repeating Location Accuracy

15 MP

Camera Resolution

System Requirements

Power Supply	AC220V / 50Hz
Cooling System	Constant temperature water chiller