

# Leather Laser Cutting and Engraving Machine

This machine is designed for high-precision laser cutting and engraving of upholstery leather. It offers advanced features for intricate designs, efficient production, and consistent quality.



## Product Overview

### Advanced Leather Processing Solution

The ZJ(3D)-160100LD is a multi-function laser system designed to streamline the production of leather goods, upholstery, and textile accessories. By integrating layout, engraving, and punching into a single automated workflow, this machine significantly reduces material waste by up to 30% compared to traditional methods. Its high-precision 3D dynamic scanning head and conveyor feed system enable efficient, continuous processing of large-scale materials.

## Technical Specifications

### Laser Power

**150 W**

Laser Power

Working Area	1600 mm
Max Working Speed	420000 mm/min
Repeating Location Accuracy	+/- 0.05mm
Power Requirements	AC220V +/- 5% / 50Hz

## Features & Technology

### Key Technological Advantages

- Germany Scanlab 3D dynamic Galvo head
- Conveyor working table for rolling material
- Auto-cutting technology with CCD Camera edge-finishing
- Intelligent typesetting software
- Constant temperature water chiller system

Supported File Formats	AI, BMP, PLT, DXF, DST
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## Application Areas

Suitable Industries	Footwear, Garment & Accessories, Automotive Upholstery, Furniture, Leather Crafts
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