

# 150W CO2 Laser System for Leather Cutting and Engraving

This 150W CO2 laser system is designed for cutting and engraving leather and other materials. It features a large working area, advanced control system and compatibility with various design software.



## Product Overview

### High-Efficiency CO2 Laser System

This 150W CO2 laser system is a multi-function engraving and cutting machine specifically designed for leather, fur, and upholstery materials. It integrates layout, engraving, punching, and feeding into a single workflow, saving up to 30% on material waste compared to traditional methods. Equipped with a high-speed 3D dynamic Galvo head and a conveyor working table, it is ideal for high-volume production of footwear, garments, and home textiles.

## Technical Performance

### Performance Highlights

**150 W**

Laser Power

**420000 mm/min**

Max Working Speed

**0.05 ±mm**

Location Accuracy

## Technical Specifications

### Technical Data

Parameter	Specification
Model	ZJ(3D)-160100
Laser Type	CO2 RF Metal Laser Tube
Working Area	1600mm x 1000mm
Moving System	Servo motor
Control Panel	5 inches LCD screen
Cooling System	Constant temperature water chiller
Power Supply	AC220V ± 5% / 50Hz

## Advanced Features

### Key Features

- Germany 3D dynamic Galvo head with 400x400mm single-scan area
- Conveyor working table for continuous processing of rolling materials
- Auto-cutting technology with CCD Camera edge-finishing
- Intelligent typesetting and efficient material utilization
- Integrated layout, engraving, and punching functionality

## Applications

### Supported Materials & Products

Leather Footwear, Leather Garments, Upholstery, Car Seats, Leather Bags, Home Textiles, Leather Crafts

## Software & Connectivity

### Supported Formats

AI • BMP • PLT • DXF • DST

## Configuration

### Standard Accessories

- 2 sets of 1100w exhaust fans
- Foot switch

### Optional Upgrades

- 70W / 100W CO2 RF metal laser tube
- Red light point system
- Auto-feeder system