

Leather Pattern Laser Engraving Machine

This laser engraving machine is designed for crafting intricate leather patterns. It is suitable for creating detailed designs on leather goods, enhancing their aesthetic appeal.



Overview

High-Efficiency Leather Processing Solution

This advanced laser engraving and cutting machine is engineered to streamline the production of leather goods, footwear, and upholstery. By integrating layout, engraving, punching, and feeding into a single automated workflow, it significantly reduces material waste by up to 30% compared to traditional methods. Designed for industrial-scale operations, it delivers high precision and efficiency for complex leather crafting requirements.

Technical Specifications

Laser Power

150 W

Laser Power

Working Area	1600mm x 1000mm
Laser Type	CO2 RF Metal Laser tube
Working Speed	420000 mm/min
Repeating Location Accuracy	±0.05mm
Power Supply	AC220V ± 5% / 50Hz

Features

Key Capabilities

- 3D dynamic Galvo head for large-scale engraving
- Conveyor working table for continuous auto-feeding
- CCD Camera edge-finishing technology
- Intelligent typesetting software support
- Servo motor motion system

Supported File Formats	AI, BMP, PLT, DXF, DST
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Compliance & Accessories

Certifications

CE

Included Equipment

- 2 sets of 1100w exhaust fans
- Foot switch
- Constant temperature water chiller

Applications

Suitable Applications

- Footwear (boots, sneakers, dress shoes)
- Garments & Accessories (belts, gloves, vests)
- Home Textiles (sofas, upholstery, trims)
- Leather Goods (handbags, wallets, luggage)
- Stationery (diary covers, notebook covers)