

# Laser Leather Punching and Hollowing Machine for Boots

This machine utilizes laser technology to create precise perforations and hollow designs in leather boots. It ensures efficient and accurate material processing for shoemaking applications.

## Overview

### High-Speed Leather Processing Solution

This advanced laser system is specifically engineered for high-speed engraving, punching, and hollowing of leather, fur, and fabrics. Featuring a 3D dynamic Galvo head and an automatic shuttle working table, it delivers exceptional precision and efficiency for complex patterns. Ideal for boot manufacturing and leather goods, the system includes automated nesting technology and continuous cutting capabilities to maximize material utilization.

## Laser Specifications

### Laser Power

**150 W**

Standard Power

Laser Source	CO2 RF Metal laser tube
Optional Power	70W, 100W

## Performance & Precision

Working Area	1500mm x 750mm
Processing Speed	420000 mm/min
Repeating Location Accuracy	±0.1mm

## System & Operation

### Key Features

- Automatic shuttle zinc-iron honeycomb working table
- 3D dynamic galvanometer control system
- Efficient single and multi-image nesting technology
- Long strip flying engraving and cutting
- Complete exhaust and filtering system
- Foot switch operation

Motion Control	3D dynamic off-line motion control system with 5-inch LCD panel
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## Power & Utilities

Power Supply	AC220V ± 5% / 50Hz
Cooling System	Constant temperature water chiller