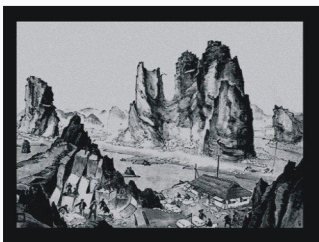


CNC CO2 Laser Engraving and Cutting Machine

This CNC CO2 laser machine is designed for precision material processing. It utilizes a CO2 laser source for cutting and engraving various materials, including wood, acrylic, leather, and textiles.



ADDITIONAL IMAGES



Overview

Versatile Laser Processing

This CNC CO2 laser system is engineered for high-precision engraving and cutting across a wide array of non-metal materials, including acrylic, rubber, bamboo, marble, and glass. Designed for advertising, decoration, and craftwork industries, the machine features a robust aero-aluminum frame and professional control software to optimize processing paths and efficiency. With support for unlimited material layers and adjustable engraving orders, it offers professional-grade performance for complex design requirements.

Performance Metrics

Key Performance Indicators

1000 mm/s

Max Engraving Speed

300 mm/s

Max Cutting Speed

0.025 mm

Positioning Accuracy

Technical Specifications

Model Comparison

| Model | Laser Power | Working Area |
|-------------|-------------|--------------|
| ZTDQ-6040E | 50/60W | 600x400mm |
| ZTDQ-9060E | 60W | 900x600mm |
| ZTDQ-12590E | 80W | 1250x900mm |

| | |
|------------------|--------------------------------------|
| Laser Source | Hermetic and detached CO2 laser tube |
| Cooling Method | Water-cooling |
| Electrical Input | AC 220V/50HZ±5% |

Capabilities

Optional Accessories

Rotary clamp • Red light contraposition • Cooling system • Electric rise and fall platform

Supported Graphic Formats

PLT, AI, DXF, BMP

Environmental Temperature

5 °C to 35°C