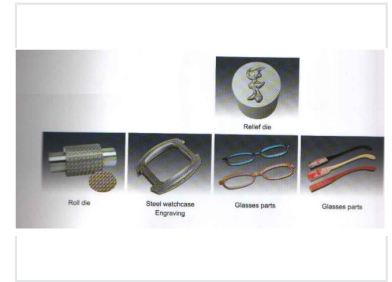


# Precision Engraving Machine for Dies and Parts

This precision engraving machine creates intricate designs on various materials. It is suitable for applications such as relief dies, roll dies, steel watchcase engraving, and glasses parts manufacturing.



## Overview

### Precision Engraving Capabilities

This precision engraving machine is designed for intricate 3D milling and engraving on a variety of materials including steel, brass, copper, aluminum, and plastics. Featuring a PC-based CNC system with digital servo control, it provides high-accuracy results for complex tasks like concave/convex surface engraving and micro-drilling. With options for a 4th rotary axis and a semi-closed enclosure, it is a versatile solution for manufacturing molds, watch parts, eyewear components, and hardware.

## Technical Specifications

### Data & Connectivity

- Network Interface
- USB Data Exchange
- Remote Jog Handle

### Control System

JD45 Control System with Embedded Windows XP

### Automation Features

Digital Servo Controlled, Look Ahead, Automatic Tool-Length Measurement, Program-Controlled Lubrication

## Capabilities & Applications

### Primary Applications

- Mini size steel injection molds
- Glasses parts and pressing molds
- Watch parts and molds
- Copper electrodes
- Steel and Brass stamps
- Aluminium prototypes
- Hardware batch machining
- Roll dies
- Zipper and zipper head molds

### Supported Materials

Steel, Brass, Copper, Aluminum, Plastics, Delrin

## Accessories

### Standard Accessories

Spindle Refrigerator • Coolant Tank • Calibrator • One-button Controlling Box

### Optional Upgrades

4th rotary axis for cylindrical engraving