

Compact CNC Engraving Machine with 1.5kW Spindle

This CNC engraving machine is designed for precision machining and prototyping. It features a 1.5kW water-cooled spindle and a rigid frame.



Overview

Precision Compact CNC Engraving

This compact CNC engraving machine is engineered for high-precision machining and prototyping, featuring a robust, fully cast aluminum frame for enhanced stability. With a powerful 1.5kW water-cooled spindle and imported ball screw drive systems on all three axes, it delivers consistent accuracy and longevity. Designed for versatility, it supports offline operation via a DSP control system and is compatible with major CAD/CAM design software suites.

Technical Specifications

Spindle Power

1.5 kW

Rated Power

Working Area (X, Y)	300 mm
Z-Axis Working Area	60 mm
Spindle Speed	24000 r/min
Maximum Operating Speed	9 m/min
Resolution	0.01 mm

Performance & Compatibility

Applicable Materials

- Wood
- Plastic
- PVC
- PCB Board
- MDF
- Artificial Stone
- Acrylic
- Brass
- Aluminum

Compatible Software	Type3, Artcam, Castmate, Wentai
Control System	DSP (Offline capable)
Supported Command Formats	G code, u00, mmg, plt

Electrical & Mechanical

Cooling Mode

Water Cooling

Working Voltage

AC220V / 50/60Hz / 2PH

Drive Motor Type

Stepper