

# Air Cooled Spindle CNC Router

This CNC router features an air-cooled spindle for efficient material processing. Its design ensures consistent curving and linear speeds, contributing to high precision during operation.



## Overview

### Precision CNC Router

This CNC router features a robust, welded seamless steel structure designed for maximum stability and minimal deformation during operation. Equipped with a high-performance 1.5KW air-cooled spindle and high-precision Taiwan square orbits, it delivers consistent curving and linear speeds. The machine offers excellent compatibility with standard CAD/CAM software, making it a reliable solution for professional wood processing, signage, and art craft production.

## Technical Specifications

### Spindle Power

**1.5 KW**

Power

**18000 r/min**

Max Speed

X,Y Working Area	600 mm
Z Working Area	80 mm
Cooling Method	Air cooling
Maximum Speed	10 m/min
Resolution	0.01 mm
Power Supply	AC220V/50/60Hz, 2PH
Net Weight	300 kg

## Capabilities

### Applicable Industries

- Furniture (Doors, Windows, Cabinets)
- Advertisement (Labels, Number Plates)
- Art & Crafts (Gifts, Souvenirs)

### Compatible Software

- Type3
- Artcam
- Castmate
- Wentai

### Compatible Materials

Wood, Aluminum Board, Plastic, Density Board, Wave Board, PVC, Acrylic, Crystal, Light Marble

## Construction

### Structural Features

- Welded seamless steel structure
- Gantry movement design
- Taiwan square orbit on all axes
- Taiwan ball screw drive system
- Dustproof protection for axes