

CNC Wood Turning Lathe for Baluster Production

This CNC wood lathe kit is designed for creating balusters and intricate wood turnings. It is applied to produce wooden stair balustrades, handrails, newel posts, roman pillars, bed rails, columns and more.



Overview

High-Performance CNC Wood Lathe

This CNC wood turning lathe is engineered for precision baluster production and complex woodworking tasks. Featuring a robust, fully cast iron body, it offers high rigidity for consistent, accurate results. The system supports advanced machining capabilities, including turn-milling, broaching, and embossing, with user-friendly controller integration that reads DXF files directly.

Technical Specifications

Working Range

300 mm
Max Diameter

1500 mm
Max Length

Spindle Specifications

Feature	Value
Power	3.5 kW
Cooling	Air cooled
Collet	ER25
Speed Range	0 - 18,000 rpm

Motor Configuration

- High Version: Servo motor (supports embossment carving)
- Standard Version: Three-phase asynchronous motor

Machining Capabilities

Turn-milling, Broaching, Turn-broaching, Embossment carving

Electrical & Physical

Power Supply	AC380V, 3Ph 4 Wires, 50Hz
Total Weight	1500 kg
Air Pressure Requirement	0.8 Mpa

Control System

Supported File Formats

DXF • G-Code

CNC Controller	Richauto DSP A132 (3-axis)
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