

# Lathe CNC Controller

This lathe CNC (Computer Numerical Control) product is designed for precision machining applications. It features a user-friendly interface with a display showing absolute position coordinates and operational parameters.



## Overview

### Precision Lathe CNC Controller

This advanced CNC controller is engineered for high-precision lathe machining applications. It features a comprehensive, user-friendly interface that allows operators to monitor absolute position coordinates across multiple axes simultaneously. Designed for efficiency, the system supports standard G-code programming and provides real-time feedback on feed rates, spindle speed, and operational parameters to ensure consistent machining performance.

## System Capabilities

Supported G-Codes	G00, G97, G98, G21, G40
Supported M-Codes	M30

## Operational Metrics

### Axis Monitoring

- X-axis
- Z-axis
- A-axis
- B-axis
- C-axis

### Override Controls

**150 %**

Feed Rate Override

**100 %**

Rapid Override

**100 %**

Spindle Override

## Interface & Control

### Menu Navigation

Position • Program • Offset • Alarm • Setting • Parameter • Diagnosis

### Machine Control Functions

- Rapid Traverse
- Spindle Control
- Feed Hold
- Cooling
- Lubrication
- Orientation