

CNC Machine Tool Controller

This CNC machine tool controller provides digital control for machine tools. It displays real-time position data, program number, feed rate, spindle speed, tool offset, and cycle time.



Overview

High-Precision CNC Controller

This advanced digital control system is designed for precise machine tool management, offering real-time monitoring of critical operational parameters. It features an intuitive interface with a numerical keypad and dedicated function keys for efficient programming and operation. Ideal for industrial manufacturing, it provides comprehensive control over X, Y, and Z axes, spindle speeds, and feed rates to ensure consistent production quality.

Technical Capabilities

Real-time Performance Metrics

100 %

Feed Rate Override

100 %

Rapid Traverse Override

Axis Control

X-Axis, Y-Axis, Z-Axis, 4th Axis, 5th Axis

Operational Features

Display Parameters

- Real-time coordinate tracking (X, Y, Z)
- Spindle speed monitoring
- Tool offset tracking
- Cycle time and run time
- Program sequence numbering

Interface Controls

Numerical Keypad • Function Keys • Manual Data Input • Program Editing