

Digital Control System for Machine Tools

This digital control system is designed for precise control of machine tools. It features a user-friendly interface displaying key parameters and supports real-time monitoring and programming functions.



Overview

High-Precision Digital Control System

This digital control system is engineered specifically for machine tools, providing robust performance for complex machining tasks. It features an intuitive user interface with real-time monitoring capabilities for critical parameters such as axis coordinates, feed rates, and spindle speeds. Designed for efficiency and ease of use, the system supports comprehensive programming functions and manual adjustments to streamline the manufacturing workflow.

System Capabilities

Real-time Monitoring Metrics

2 Axes

Axis Control

100 %

Feed Rate Override

Supported Programming Functions

Editing, Jogging, Auto Mode, Parameter Settings, Real-time Monitoring, Tool Offset

Interface & Control

Control Panel Features

- Full alphanumeric keypad
- Dedicated function keys for editing and mode selection
- Manual axis control buttons
- Integrated display screen for coordinate and status tracking

Display Information

X Axis Coordinates • Z Axis Coordinates • Feed Rate • Spindle Speed • Program Status • Tool Offset