

CNC Lathe for Screwdriver Bit Machining

This CNC lathe integrates turning, milling, and drilling processes for efficient screwdriver bit production. It achieves a production rate of 8-12 pieces per minute, allowing a single operator to manage multiple machines.



ADDITIONAL IMAGES



Overview



High-Efficiency CNC Screwdriver Bit Machining

The SBL-20 is a specialized CNC lathe designed to integrate turning, milling, and drilling processes into a single efficient workflow for screwdriver bit production. It features advanced C-axis functionality to handle complex geometries with high precision and low vibration. Designed for high-volume environments, this machine allows one operator to manage multiple units simultaneously, significantly optimizing labor costs.

Performance Metrics

Production Efficiency

12 pcs/min Max Production Capacity	6 units Max Machines per Operator
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Process Cycle Times

Complexity	Cycle Time
Simple Processes	5-6 seconds
Intricate Operations	10-12 seconds

Technical Specifications



Spindle & Capability Features

- Integrated C-axis function for complex turning
- High-speed, high-precision spindle
- Dynamic balance tested bearing assembly
- Automated vibratory plate workpiece loading
- Anti-scratch galvanized iron feeding track

Physical Dimensions

- 2400
- 1620