

CNC Metal Lathe

This CNC metal lathe is designed for precision metal cutting and turning tasks. It features a high-speed spindle and programmable control system for automated machining.



ADDITIONAL IMAGES



Overview

High-Precision CNC Horizontal Lathe

The CK6150A is a versatile two-axis servo-controlled CNC lathe designed for high-volume production and complex part machining. Featuring a robust integrated bed structure with resin sand casting, it offers superior stability and precision for semi-finishing and finishing operations. This machine is capable of handling a wide range of tasks including turning, grooving, threading, and taper surface processing for both discs and shafts.

Key Performance Metrics

Key Capabilities

500 mm

Max Swing Over Bed

2000 r.p.m

Max Spindle Speed

82 mm

Spindle Hole Diameter

7.5 Kw

Motor Power

Technical Capacities

Turning Capacities

Feature	Specification
Max. swing dia. over carriage	290 mm
Max. turning length	850 mm
Max. center distance	1000 mm
Width of guide	400 mm

Axis & Motion

Travel and Speed

Axis	Travel	Rapid Speed	Servo Torque
X Axis	295 mm	6000 mm/min	7.5 N.m
Z Axis	900 mm	8000 mm/min	10 N.m

Tooling & Tailstock

Tooling System

- Vertical four-station electric tool post
- Tool specification: 25x25 mm
- Manual three-jaw chuck: 250 mm
- Tailstock quill diameter: 75 mm
- Tailstock quill taper: MT5#
- Tailstock quill travel: 150 mm

Construction & Standards

Build Quality

Resin Sand Casting, Secondary Aging Treatment, High Frequency Quenching, Centralized Lubrication, JB/T8324.1-96 Compliant, Fully Enclosed Safety Cover

Physical Dimensions

Machine Weight

2700 Kg

Overall Dimensions

2810 x 1600 x 1620 mm