

# 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