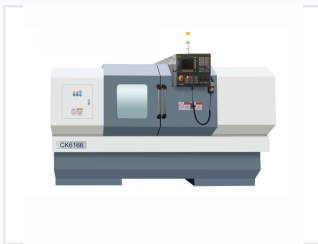


# High Precision CNC Turning Lathe

This high-precision CNC lathe is designed for exceptional accuracy in metal turning. It features a robust construction and an advanced control system for reliable performance.



## ADDITIONAL IMAGES



## Overview

### High Precision CNC Turning Lathe

This high-precision CNC turning lathe is engineered for exceptional accuracy and efficiency in demanding metal turning operations. Featuring a robust, supersonic frequency hardened bedway and advanced servo-driven ball leadscrews, it delivers reliable performance for both small-batch and high-volume manufacturing. The machine offers versatile configuration options, including multiple tool post selections and hydraulic or manual chuck/tailstock systems, ensuring it meets diverse industrial machining requirements.

## Performance Metrics

### Key Performance Indicators

**11 kW**

Main Motor Power

**1600 rpm**

Max Spindle Speed

**8 m/min**

Max Rapid Speed

## Machining Capacity

### Machining Capacity Specifications

Parameter	CK6166 Series	CK6180 Series
Max Swing over Bed	660mm	800mm
Max Swing over Carriage	380mm	560mm
X-axis Travel	380mm	450mm
Rail Width	460mm	460mm

## Mechanical Features

### Tooling & Configuration

- 4, 6, or 8 station hydraulic turret options
- Vertical or horizontal tool post selection
- Gang tool configuration support
- Max tool section: 25 x 25mm

### Construction Highlights

Supersonic Frequency Hardened Bedways, Precision Ground Surfaces, Servo Motor Driven, Ball Leadscrews, Integrated Automatic Lubrication

## Spindle & Tailstock

### Spindle Details

- Spindle Nose: A2-8 or A2-11
- Spindle Bore: 86mm or 105mm
- Spindle Speed Range: 100-1600 rpm (variable)
- Three-gear speed regulation: 30-150, 100-500, 150-1200 rpm

### Tailstock Specifications

- Tailstock Sleeve Stroke: 235mm
- Sleeve Diameter: 90mm
- Sleeve Taper: MT5