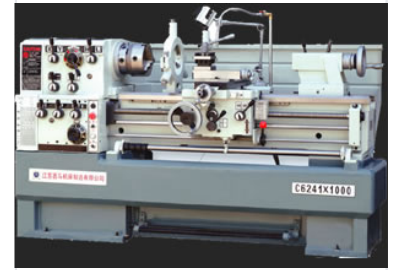


# High Precision Metal Lathe

This high-precision lathe is designed for metal cutting operations. The turning machine features a robust construction for stability and accuracy, including a multi-speed gearbox and precision spindle.



## Overview

### High-Precision Industrial Lathe

This high-precision metal lathe is engineered for demanding industrial turning, facing, threading, and drilling applications. Featuring a robust bed construction and a versatile multi-speed gearbox, it delivers exceptional stability and machining accuracy. With options for varying workpiece lengths and powerful motor configurations, this machine is a reliable solution for professional metalworking environments.

## Key Metrics

### Performance Highlights

**2000 r/min**

Max Spindle Speed

**5.4 HP**

Standard Motor Power

**58 mm**

Spindle Bore

## Machining Capacity

### Machining Capacity

Feature	C6241 Series	C6246 Series
Swing Over Bed	410mm	460mm
Swing Over Cross Slide	224mm	274mm
Swing In Gap	640mm	690mm

## Spindle & Drive

### Spindle Specifications

- Spindle Nose: D1-6
- Spindle Bore: 58mm
- Taper: NO.6 Morse
- Speed Range: 25-2000 r/min (12 changes)

## Threading & Feeds

### Threading Capabilities

Metric Threads (41 kinds), Inch Threads (60 kinds), Diametrical Pitches (50 kinds), Module Pitches (34 kinds)

## Tailstock

### Tailstock Details

- Sleeve Diameter: 60mm
- Sleeve Travel: 120mm
- Taper: NO.4 Morse

## Power & Construction

Motor Power	4 kW
Optional Motor Power	5.5 kW
Coolant Pump Power	0.1 kW