

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