

# Heavy Duty Precision Lathe

This heavy-duty precision lathe is designed for a wide range of turning operations. It features an automatic lubrication system and an apron box with a patented design.



## ADDITIONAL IMAGES



## Overview

### Precision Heavy-Duty Turning Solutions

This series of heavy-duty precision lathes is engineered for high-performance metal cutting, offering exceptional stability through rigid cast iron construction. These machines provide versatile machining capabilities, including turning, threading, and drilling, across a wide array of industrial applications. With multiple models available and an extensive range of spindle speeds and feeds, they deliver the precision and reliability required for professional workshop and manufacturing environments.

## Performance Metrics

### Key Performance Indicators

**5.5 kW**

Main Motor Power

**2000 r/min**

Maximum Spindle Speed

**80 mm**

Max Spindle Bore

## Machine Dimensions

### Capacity Comparison

Feature	C6241	C6246/D
Swing over bed	410mm	460mm
Swing over cross slide	220mm	270mm
Swing in gap	640mm	690mm
Spindle Nose	D1-6	D1-8
Spindle Bore	58mm	80mm

## Operating Ranges

### Feed Mechanism

- Longitudinal feeds: 42 kinds (0.031-1.7mm/rev)
- Cross feeds: 42 kinds (0.014-0.784mm/rev)

### Threading Standards

Metric, Imperial, Diametral, Module