

# Conventional Metalworking Lathe

This lathe is designed for turning the inner and outer cylindrical surfaces, taper surfaces, and other rotating surfaces of parts. It can also process end faces, metric threads, inch threads, module threads and diametral pitch threads.



## ADDITIONAL IMAGES



## Overview

### Precision Conventional Metalworking Lathe

This conventional metalworking lathe is engineered for high-rigidity performance and operator efficiency. It supports a versatile range of machining tasks, including imperial and metric threading, cylindrical turning, and taper cutting. Designed with hardened guideways and a high-torque spindle, it ensures stability and durability for demanding workshop environments.

## Key Features

### Safety Features

- Safety clutch to prevent overload cutting
- At-speed release function on carriage hand wheel
- Ergonomic design for reduced operator fatigue

### Machining Capabilities

Imperial Threading, Metric Threading, Modulus Threading, Diametric Threading, Cylindrical Turning, Taper Cutting, Facing

## Technical Construction

### Construction Highlights

- Wide, ground, and hardened guideways
- High rigidity spindle design
- Cast iron bed construction
- External lubrication controls for temperature management

### Guideway Hardness

52 Rc

## Performance Metrics

### Operational Specs

**1 1:1**

Spindle Ratio

**16 16:1**

Gear Ratio

**1000 RPM**

Base Spindle Speed