

Precision Bench Lathe for Metalworking

This precision bench lathe features ground and hardened bedways. The spindle is supported by precision roller bearings, and head stock gears are made of high-quality steel.



Overview

Precision Bench Lathe

This precision bench lathe is engineered for versatile metalworking applications, offering robust construction and high accuracy for turning, facing, and threading tasks. Designed for stability and ease of operation, it features a sturdy bed, tailstock, and carriage assembly suitable for small workshops and educational environments. With variable spindle speed options and a wide range of feed rates, it provides the flexibility required for professional-grade machining projects.

Capacity & Dimensions

Distance Between Centers

- 750mm
- 910mm
- 1000mm

Max Swing Over Bed	320 mm
Max Swing Over Cross Slide	198 mm
Max Swing Over Gap	476 mm

Spindle Performance

Spindle Bore	38 mm
Spindle Taper	MT #5
Spindle Speed Range	65-1810 rpm

Machining Capabilities

Threading Range

0.4 mm

Metric Thread

60 TPI

Inch Thread

Longitudinal Feed Range	0.079-1.291 mm/rev
Cross Feed Range	0.017-0.276 mm/rev

Tailstock

Tailstock Quill Travel	100 mm
Tailstock Taper	MT #3

Technical Specifications

Weight Specifications

Type	Weight
Gross Weight	550 - 670 kg
Net Weight	500 - 620 kg

Motor Power	1.1kW / 1.5kW
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