

Bench Lathe

This heavy-duty precision metal lathe is engineered for high accuracy and durability in metal-working applications. The lathe is equipped with a powerful motor, enabling efficient material removal.



Overview

Precision Bench Lathe HD250 Series

The HD250 series bench lathe is a heavy-duty, precision-engineered tool designed for high accuracy and durability in metalworking. With a robust construction that minimizes vibration, this lathe provides the stability required for superior surface finishes during turning, facing, threading, and boring operations. It features a powerful 550W motor and a versatile range of speeds and feeds, making it highly adaptable to various materials and cutting conditions.

Technical Specifications

Key Dimensions

250 mm

Max Swing Over Bed

140 mm

Max Swing Over Cross Slide

135 mm

Width of Bed

Spindle Configuration

Parameter	Value
Spindle Bore	∅20mm
Spindle Taper	M.T.#3
Speed Range	125-2000 rpm

Threading Capabilities

Metric: 0.4-3mm, Inch: 10-44 T.P.I

Performance

Travel Distances

- Cross Slide: 110mm
- Top Slide: 70mm
- Tailstock Quill: 65mm

Motor Power

550 w

Longitudinal Feeds

0.1-0.2 mm/rev

Model Comparison

Distance Between Centers

400mm • 550mm • 750mm

Logistics and Packaging

Weight Specifications

Model Variant	Net Weight	Gross Weight
HD250x400	105kg	145kg
HD250x550	109kg	149kg
HD250x750	119kg	159kg