

General Purpose Metalworking Lathe

This general-purpose lathe is designed for metalworking, equipped with a headstock, tailstock, and carriage. It enables turning, facing, and threading operations with features like a multi-speed drive system and adjustable tool post.



ADDITIONAL IMAGES



Overview

General Purpose Metalworking Lathe

This versatile metalworking lathe is designed for precision turning, facing, and threading operations. Featuring a robust geared headstock and induction-hardened bedways, it provides reliable performance for small to medium-sized workshops and educational environments. The machine supports both manual and semi-automated tasks, offering significant flexibility with adjustable speed settings and precise feed control.

Capacity and Dimensions

Key Capacity Metrics

330 mm

Swing Over Bed

476 mm

Swing Over Gap

198 mm

Swing Over Cross Slide

Bed Width

187 mm

Distance Between Centers

500 mm, 750 mm, 1000 mm

Spindle and Drive

Spindle Specifications

Feature	Detail
Spindle Bore	38 mm
Spindle Nose	D1-4
Spindle Taper	MT5
Speed Range	70-2000 rpm
Number of Speeds	8
Motor Power	1.5 KW

Machining Capabilities

Feed Ranges

- Cross feeds: 0.009-0.253 mm/r
- Longitudinal feeds: 0.052-1.392 mm/r

Thread Cutting Ranges

- Inch threads: 4-56 T.P.I
- Metric threads: 0.4-7 mm

Travel and Tailstock

Travel Specifications

Component	Travel Distance
Top Slide Travel	92
Cross Slide Travel	170
Tailstock Quill Travel	100

Tailstock Quill Taper

MT3

Equipment

Standard Accessories

3-jaw chuck (160mm) • 4-jaw chuck (200mm) • Face plate (250mm) • Steady rest • Follow rest • Chip tray • Splash guard • Stand & oil tray • Toolbox & tools

Optional Accessories

Taper turning attachment • Turning tools • Quick change tool post • Digital readout system • Leadscrew cover • Tool post cover • Halogen work lamp • Micro carriage stop