

# Precision Matthews Lathe

Lathe

<b>Tool Type:</b> Cutting tool
<b>Location:</b> Innovation Workshop
<b>Description:</b> Manual lathe
<b>Manufacturer:</b> Precision Matthews

## About

This tool is a small lathe capable of manually machining small parts out of metals, woods, and plastic. Standard operations include facing, turning, drilling, or cutting for workpieces with axial symmetry.

## Safety Concerns

- This machine is designed for operation by experienced users familiar with metal-working hazards.
- Wear safety glasses or face protection when operating this tool.
- Closed-toed shoes and long pants must be worn during use; tie long hair back.
- Ensure that both the tool and the workpiece are adequately secured before commencing operation.

## Training Documentation

## Detailed Specifications

Distance Between Centers 30"  
Spindle Speeds, Infinitely Variable 75-2000 RPM (2 Steps)

Travel of Cross Slide: 6"  
Travel of Compound: 3"  
Tailstock Quill Travel: 4"  
Main Motor 1.5HP Variable

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## Reference Documentation

lathe\_dro\_manual.pdf

lathe\_manual.pdf

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