

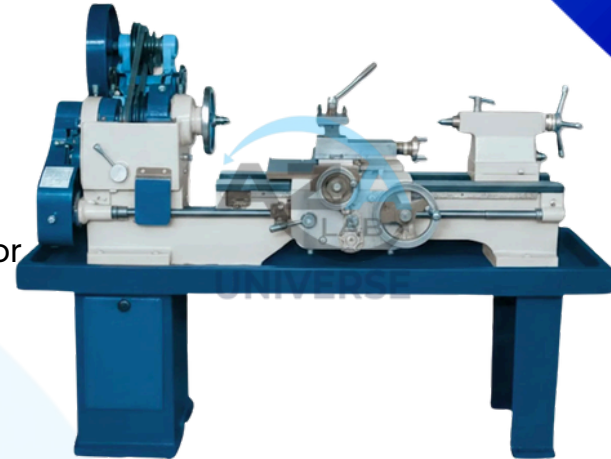


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LATHE MACHINE AZA1175

The AZA-LAB Lathe Machine (Model AZA1175) is a precision-engineered, heavy-duty conventional lathe designed for metal cutting, shaping, and finishing operations in workshop and industrial environments.

Built with rigid cast iron construction and precision mechanical components, the AZA1175 ensures smooth operation, dimensional accuracy, and long service life. Its compact yet robust design makes it highly suitable for tool rooms, small-scale industries, fabrication units, and training institutes requiring dependable machining performance. The machine supports a wide range of operations including turning, facing, threading, boring, and general metal working, making it a versatile and essential asset for any machining setup.



Key Applications

- Small-scale manufacturing industries
- Tool rooms and maintenance workshops
- Fabrication and general engineering units
- Technical training institutes and ITI labs
- Repair and maintenance workshops

Compliance & Standards

- Designed as per general industrial machining and workshop safety standards
- Suitable for training, fabrication, and precision machining environments



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1175
Machine Type	Conventional Lathe Machine
Height of Centre	165 mm
Width of Bed	238 mm
Maximum Swing over Bed	330 mm
Maximum Swing over Slide	180 mm
Spindle Bore	40 mm
Spindle Nose	8 TPI
Spindle Speed Range	30 – 825 RPM
Cross Slide Travel	225 mm
Lead Screw	4 TPI
Tailstock Sleeve	MT-3
Power Requirement	1 HP

Construction & Design

- Heavy-Duty Cast Bed ensures rigidity and minimizes vibration during cutting
- Precision Bearings & Components provide smooth spindle rotation
- Centralized Lubrication System maintains consistent performance