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WOOD WORKING BASIC /SPIRAL LATHE AZA1204

The AZA LAB Wood Working Lathe Series – Models AZA1204, AZA1204A, AZA1204B, and AZA1204D are robust and precision-engineered machines designed to meet a wide range of wood turning, shaping, and spiral cutting applications.

Built on rigid beds with accurate alignment and smooth spindle performance, the AZA1204 series ensures stable, vibration-free operation across training, professional, and industrial environments. Each variant is tailored to specific operational needs, from basic turning to advanced spiral and heavy-duty production work.



Key Benefits

- Wide range of models for different applications and budgets
- Stable and vibration-free operation for high accuracy
- Smooth spindle performance for precision finishing
- Suitable for training, workshop, and industrial use
- Durable construction with long service life
- Easy operation and maintenance

Applications

- General wood turning and shaping
- Spiral and decorative woodworking
- Carpentry workshops and furniture manufacturing
- Training institutes and technical centers
- Industrial woodworking production units



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TECHNICAL SPECIFICATIONS

Feature	AZA1204	AZA1204A	AZA1204B	AZA1204D
Model Category	Basic Wood Turning Lathe	Spiral Lathe (Pitch & Division)	Heavy-Duty Spiral Lathe	Advanced Heavy-Duty Spiral Lathe
Length of Bed	1805 mm	1980 mm	2000 mm	2100 mm
Height of Centres	220 mm	165 mm	230 mm	245 mm
Admit Between Centres	1000 mm	1220 mm	1200 mm	1300 mm
Max. Work Diameter	200 mm	150 mm	250 mm	280 mm
Min. Work Diameter	50 mm	—	60 mm	70 mm
Max. Working Length	970 mm	—	1150 mm	1250 mm
Face Plate Diameter	265 mm	—	300 mm	350 mm



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TECHNICAL SPECIFICATIONS

Feature	AZA1204	AZA1204A	AZA1204B	AZA1204D
Spindle Speed (RPM)	570 / 1000 / 1850 / 2500	—	600 / 1200 / 1800 / 2400	700 / 1400 / 2100 / 2800
Standard Pitches	—	100, 125, 150, 175, 250 mm	—	—
Divisions	—	Up to 6	—	—
Motor Power	1.5 HP	Single Phase	2 HP (3-Phase)	3 HP
Application Suitability	General Turning	Decorative Spiral Work	Heavy Turning	Industrial Spiral & Large Jobs

Performance & Reliability

The AZA1204 series is designed to deliver consistent accuracy, smooth operation, and long-term durability. Its rigid construction and precision components ensure:

- Stable machining with minimal vibration
- Reliable performance under continuous operation
- High-quality surface finish in turning and spiral work
- Adaptability across multiple woodworking applications