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ENGINE CYLINDER BORING MACHINE AZA1177

The AZA-LAB Engine Cylinder Boring Machine (Model AZA1177) is a precision-engineered solution designed for accurate reboring of engine cylinders in motorcycles, passenger vehicles, and small to medium tractors.

Developed for automotive workshops, engine reconditioning units, and technical training centers, the AZA1177 delivers high dimensional accuracy, superior surface finish, and consistent machining performance. Its rigid construction, precision spindle system, and optimized feed mechanism ensure reliable operation even during repetitive, high-precision tasks.

Compact, durable, and easy to operate, the machine is ideal for workshops requiring efficient cylinder restoration with minimal downtime.

Construction & Design

- Heavy-Duty Frame Structure ensures rigidity and long-term durability
- Precision Spindle Assembly provides stable and accurate boring
- Low-Vibration Operation improves surface finish and tool life
- Compact Vertical Layout optimizes workshop space utilization
- Corrosion-Resistant Components for extended service life

Compliance & Standards

- Designed as per automotive machining and workshop engineering standards
- Suitable for engine reconditioning and precision repair applications





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1177
Machine Type	Engine Cylinder Boring Machine
Boring Diameter Range	65 – 140 mm
Maximum Boring Depth	300 mm
Spindle Speed	250 / 380 RPM
Spindle Feed	0.11 mm/rev
Spindle Quick Reset Speed	636 mm/sec
Overall Dimensions (L×W×H)	320 × 330 × 850 mm
Machine Weight	Approx. 62 kg

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