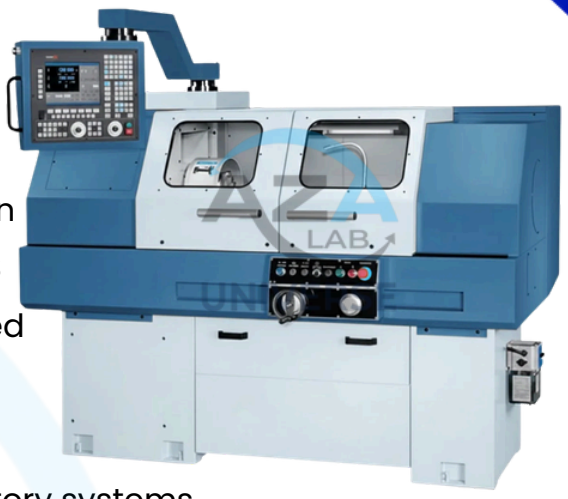
ROVER CNC LATHE MACHINE AZA1173

The AZA-LAB Rover CNC Lathe Machine (AZA1173) is a compact, high-precision turning center designed for automated machining of small to medium-sized components. Engineered for modern manufacturing environments, it combines robust mechanical construction, advanced CNC control compatibility, and high-speed machining capability. Equipped with an 8-station programmable turret, precision ball screws, and linear motion (LM) guideways, the AZA1173 ensures repeatable accuracy, smooth motion, and reduced cycle times. Its compatibility with leading CNC controllers such as FANUC, Siemens, Mitsubishi, and MTAB enables seamless integration into automation lines and smart factory systems.



Key Applications

- Precision turned components manufacturing
- Automotive and engineering parts production
- Small to medium batch production
- CNC job-work and subcontract machining
- Automated machining cells and smart factories
- Tool rooms and industrial workshops

Compliance & Standards

- Designed in accordance with industrial CNC machining and safety standards
- Compatible with globally recognized CNC control platforms

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1173
Machine Type	CNC Lathe Machine
Operation Mode	Automatic / Manual
Chuck Capacity	100 mm
Max Turning Diameter	80 mm
Max Turning Length	190 mm
Positioning Accuracy	0.01 mm
Spindle Nose	A2-3 / MT3
Through Hole Diameter	20 mm
Spindle Speed Range	150 – 4000 RPM
Spindle Motor Power	3.7 kW
Tool Stations	8 (Programmable Turret)
X / Z Axis Travel	95 / 210 mm

TECHNICAL SPECIFICATIONS

Parameter	Specification
Rapid Traverse (X/Z)	5000 mm/min
Feed Rate	0 – 5000 mm/min
Tailstock Stroke	170 mm
Quill Stroke	40 mm
Quill Diameter	35 mm
Tailstock Taper	MT-2