



**UNIVERSE**

## **CNC MILLING MACHINE AZA1174**

The AZA-LAB CNC Milling Machine (AZA1174) is a high-performance, industrial-grade 3-axis machining center engineered for precision milling, contouring, and complex component manufacturing.

Equipped with the globally trusted FANUC Series 31 CNC control system, the AZA1174 delivers high-speed processing, accurate interpolation, and intelligent machining capabilities. Its rigid structural design, high-speed axis movement, and advanced control features make it ideal for production environments, tool rooms, R&D centers, and training institutes.

Designed for continuous-duty industrial applications, the machine ensures excellent dimensional accuracy, surface finish, and repeatability, even under demanding machining conditions.



### **Key Applications**

- High Response Velocity (HRV) – Improved servo response and contour accuracy
- Rigid Tapping (M29) – Precise tapping without floating holders
- Handwheel Feed Control – Enhanced manual positioning accuracy
- AI-Assisted Programming – Simplified operation with guided interface
- High-Speed Data Processing – Efficient execution of complex programs

### **Standard Accessories**

- Automatic oil lubrication system
- Coolant unit
- Air blow system
- BT30 arbor
- Tool setting stand



**UNIVERSE**

**TECHNICAL SPECIFICATIONS**

<b>Parameter</b>	<b>Specification</b>
Model No.	AZA1174
Machine Type	CNC Milling Machine
Control System	FANUC Series 31
Number of Axes	3 Axis (Simultaneous Control)
Power Supply	200–240 VAC, 50–60 Hz, 3-Phase
X-Axis Travel	500 mm
Y-Axis Travel	400 mm
Z-Axis Travel	300 mm
Table Size	650 × 400 mm
Table Load Capacity	300 kg (uniform load)
T-Slots	3 × 14 mm (125 mm pitch)
Rapid Traverse (X/Y/Z)	48 m/min
Feed Rate	Up to 30,000 mm/min



## UNIVERSE

### TECHNICAL SPECIFICATIONS

Parameter	Specification
Part Program Storage	512 kB
Display Panel	10.4" Color LCD
Machine Height	2236 mm
Floor Space Required	1615 × 2040 mm
Machine Weight	Approx. 2000 kg

