

Yilmaz AIM 4310 Aluminium CNC-



The Yilmaz AIM 4310 CNC will advance efficiency and versatility within your workshop. Designed to machine all kinds of aluminium and PVC profiles, the AIM 4310 comes with special features that will ensure accurate work time after time.

- Solid steel chassis and gantry which is resistant to temperature changes and warping
- Servo-motors in all axes in combination with linear guides
- Unique ability for automatic positioning of the workpiece clamps
- High-quality and powerful Italian HSD Spindle
- On-board tool misting lubrication unit with 3 outlets
- Ability to accept a 4th-axis aggregate and 180mm sawblade
- 15" LCD touch-screen controller
- 8-tool magazine with automatic tool change-over
- Pop-up positioning stops for loading of profiles
- Central lubrication unit for all axes
- Laser barrier safety system
- Air gun
- Optional ability for tapping (M4 to M8)

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Automatic tool changer for minimal operator input

With an 8 station tool changer there's plenty of tooling flexibility for a wide variety of processing requirements and materials.



Pneumatic clamps

The 4 pneumatic clamps (option: 6) ensures no slippage of the work-piece during machining for excellent accuracy and quality. As an option, the clamps can be automatically positioned along Linear Guides with the Camprox software.

Overview and features

Specifications

Main spindle	7.5kW HSD
Spindle speeds	18,000 rpm
X, Y, Z working area	4000 x 350 x 335 mm
Tool changer	8 station linear
Tool holder clamping	ISO 30
Horizontal pneumatic clamps	4
Weight	1950 kg
Dimensions (L x W x H)	158 X 510 X 212cm

Specifications are subject to change without notice.