

AluPro-C341

4 - AXIS CNC CONTROLLED MACHINING CENTER



General Features

- Working simultaneously
- 4 x automatic clamps used for clamping the extrusion firmly
- 2 x pneumatic rests used for resetting the extrusion in X direction
- 21" colour industrial touch screen
- Tapping feature on the open holes from M4 to M8 thread for 1 – 4 mm wall thickness
- PLC controlled misty coolant spray system with 2 pcs of outlets
- Fast programming using 8 pre-set macros
- Program import via USB flash memory stick
- Standard ISO 'G' code programming language with ATech Cam
- Operator safety barrier
- LED lighting inside the cabinet
- Aggregate tools
- Cutter tools, milling saw, tool holder and collets

ALUPRO is a 4-axis CNC controlled machining centre, which has been designed for the fabrication of all kinds of aluminium & PVC profiles, light alloys in general and temporary operations of thin-walled steel profiles with special cutters.

Special sound insulation cabinet around the machining centre
Isolated cabinet reduces the noise of machine and provides safety of the operator

Designed for all kinds of drilling, grooving, notching, tapping, etc. on aluminium profiles

Optional

- Tapping feature on open holes from M4 to M8 thread for 1 – 4 mm wall thickness
- Tapping chuck (up to M8)
- Barcode-Scanner
- Technical support via remote connection capability
- Automatic tool length measurement device
- Additional clamps
- Hand wheel
- Design of mould height apparatus for special profiles



■ Technical Specifications



Clamps	<ul style="list-style-type: none">• Programmable• The smallest distance between two clamps is 315 mm (12-1/2")
Tapping	<ul style="list-style-type: none">• At any angle within 180°
Servo – Wiring	<ul style="list-style-type: none">• New generation• Single wire• 5.5 kW (7.5 HP)
Spindle Motor	<ul style="list-style-type: none">• Multi Turn, Apsolite• Memory of last position in case of power failure or switch off• No need to reference after switching on off.
Chiller	<ul style="list-style-type: none">• Equipped with spindle motor cooling
Lubrication	<ul style="list-style-type: none">• Equipped with pulverized lubrication system
Capacity	<ul style="list-style-type: none">• Length: 3 meter (10')• 250 (h)x300 mm (w) (10" x 12")• Carrying capacity per clamp is 40 kg (88 lbs)
Axis Speed	<ul style="list-style-type: none">• X: 90 m/min• Y: 60 m/min• Z: 25 m/min
Screen	<ul style="list-style-type: none">• 21" Precise Industrial Touch-Screen
Interface	<ul style="list-style-type: none">• User friendly, new generation
3D Simulation	<ul style="list-style-type: none">• Available
Tools	<ul style="list-style-type: none">• 7 pcs• Tool change speed 9 Seconds (sec)
Body	<ul style="list-style-type: none">• Enclosed machine frame• 510x200x270cm (201" x 79" x 106") (Min. Overall dimensions)
Cam Brand	<ul style="list-style-type: none">• ATechcam

