

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

Special sound insulation cabinet around the machining center

Isolated cabinet reduces the noise of machine and provides safety of the operator

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

STANDARD SPECIFICATION

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

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

ALUMINUM PROFILE FABRICATION CENTER



TECHNICAL SPECIFICATIONS

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|-----------------------|--|
| Clamps | <ul style="list-style-type: none"> • Programmable • The smallest distance between two clamps is 315 mm (12-1/2") • At any angle within 180° |
| Tapping | |
| Servo - Wiring | <ul style="list-style-type: none"> • New generation • Single wire |
| Spindle Motor | <ul style="list-style-type: none"> • 5.5 kW (7.5 HP) • Multi Turn, Apsolite • Memory of last position in case of power failure or switch off • No need to reference after switching on off. • Equipped with spindle motor cooling |
| Chiller | |
| 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 |



ATechCAM

