

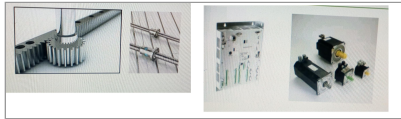
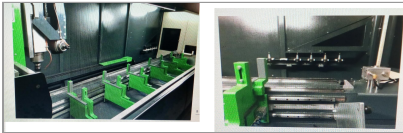


ALPTECH INTERNATIONAL

Address: Plot No. A/232, Road No. 21, 'Y' Lane, Wagle Estate, Thane-400 604. INDIA. | **Telephone No.:** 9769976747, 8828216747 / 22-25823203
Email.: alptechinternational@gmail.com | **Web.:** www.alptechindia.com | **PAN NO.:** AARCA9816A | **GST No.:** 27AARCA9816A1ZJ

XC 2000/34 - 3 AXIS CNC PROFILE MACHINING CENTRE

CNC MACHINE CENTER / CNC MACHINING CENTER



Sale Office: Office No 9 Gound Floor Sakhi House, Trombay Road, Chembur East, Mumbai - 400071. | **Warehouse:** Gala No 9, A 6 Block, Padmini Complex Off Kalher Naka, Bhiwandi. | **Telephone No.:** 91 9769976747 | **Email:** alptechinternational@gmail.com



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Description:

DESCRIPTION -

Servo motor 3 Axis CNC controlled machining centre with a protection cover.

Thanks to the protection cover, the machine has both sound isolation and the dust isolation.

C column type profile carriage ensures 0,1mm./1m. Accuracy. 7.5 kW high speed spindle works up to 18.000 rpm. with ISO 30 tool holders. Optional 3.0 kW 18.000 rpm lateral spindle for sides working with ER-20 tool holders.

The alloys that can be processed on the machine: Aluminium up to 20 mm wall thickness – steel up to 8 mm wall thickness – light alloys such as PVC and etc.

The XC 2000 has profile clamps that are manually positioned according to the positions assigned by the CAD-CAM software.

AUTOMATIC POSITIONING is optional. All clamps are mounted on the machine with linear bearings and move on linear guides.

230 mm X 230 mm Profile processing from the top and from the front. 150 mm. X 230 mm.

Profile processing from 3 sides of the profile. Thanks to 6 positions tool magazine, it is possible to carry any tool b/w 1 mm – 20 mm tool diameter and 150 mm of disc cutter.

The disc cutter is vital for alu windows&doors&sliding series processing.

Waste pieces are isolated by the machine cover and extracted by the operator.

CAD-CAM software is specially designed for the easiest way of processing profiles.

The system starts working with the import of DXF drawings of the profile that will be processed.

It is extremely easy to program the profile, make demo before it works, help to work out time study and keep the work done in the HDD of the machine easily.

Axis information: X axis net processing length: 4.200 mm. / with the second stopper 8.000 mm. Y axis net processing width: 230 mm.. Z axis net processing depth: 230 mm

Product Code: PRO-420

Country:  Turkish

HSN Code: 0

Unit: 0

Gross Weight: 3.300 KGS

Net Weight: 3.100 KGS

Dimension: 5.800 X 2.200 X 2.750 MM



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. The body: Vibration free steel chasis, processed with the highest accuracy before mounting the mechanical accessories.

Spindle Heads: 7.5 kw 1.000 -24.000 rpm spindle with one inverter adjusted for any rotation speed. Lateral Spindle: 3.0 kW 18.000 rpm second spindle for working from the sides of the profiles.

Axis technical information: X axis is working on rackmill and pignon with brushless servo motors and guided by linear guides with 65 mt./min speed.

Y axis is working on rackmill and pignon with brushless servo motors and guided by linear guides with 65 mt./min speed.

Z axis works with a screw mill and brushless brake type servo motor with a speed of 25 mt./min.

Technical Parameters: Total installed power: 12 kW / 30A / 400V / 50 -60 Hz. Air pressure and air consumption: 6-8 Bar. - 70 L/min. Packing dimensions: 5.800 X 2.200 X 2.750 mm. Weight: 3.100 kgs.

Specification:

Pneumatic Profile Clamps: 230 mm. clamping section. Manually positioned.

Thanks to the special design of the clamps, that are for machining Windows and Doors and Curtain Wall profiles, the loading and offloading is extremely easy

Equipment: Reference points: 2 pieces. Profile clamps: 6 pieces CAD-CAM Software: 2 licences included. Automatic opening and closing machine enclosure cover: CNC controlled

Tool changing magazine: Placed at the end of the machine, the tool changer is stationary to use long sized and big diameter tools. Maximum disc cutter diameter 180 mm. Maximum tool size 200 mm.



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Electronic equipment: • Servo motors (LG) and reducers • Movable CNC controller terminal. •

Electric system and the cabinet with the cooling system • Servo drivers (LG) • CNC controller – 4

Axis • Industrial PC 10" TouchPanel + Intel PC with Windows10 based for CAD/CAM

programming. • AC Inverter for adjusting the speed of the spindle. 0-18.000 rpm. • Tool

measurement probe

Crackmill and pignon : Grounded Helix Crackmill Grounded Helix Pignon Z Axis screw mill

Routing heads: High speed spindle with ceramic bearings. Air cooling system. Spindle 7.5 kW

18.000 rpm . (Turkish) ISO SK 30 Type Tool Holders - Optional 5 - 6 - 8 -10 -12 mm Collet Set -

Optional Cutter set - Optional Disc cutter set: 80 -120 -150 -200 mm

Tool changing magazine: Placed at the end of the machine, the tool changer is stationary to use

long sized and big diameter tools. Maximum disc cutter diameter 180 mm. Maximum tool size

200 mm.