



# P107



AL PVC

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**CNC machining centre with 4 controlled axes, designed to perform milling, drilling, tapping and end milling operations on bars or workpieces made of aluminium, PVC, light alloys in general and steel up to 2 mm thick. Adapt your machining centre to your specific needs, guaranteeing flexibility and maximum efficiency!**

The centre has two standard pneumatic zero stops, which define a 7m working range in two different modes: a single working area or the pendulum mode with two independent working areas, allowing customised solutions to maximise productivity.

The electrospindle with 5 kW power in S1 and HSK-F50 cone attachment allows machining on the profile at any angle between 0° and 180°.

Profile clamping is ensured by four space-saving clamps to allow maximum workability on the three faces of the profile and the possibility of loading even relatively short workpieces. The maximum cross-section of the clamp can accommodate a profile of 225 mm in base and 280 mm in height. The arrangement along the X axis is a key feature of these centres. Thanks to the mobile carriage, the clamp is hooked and positioned with maximum precision, guaranteeing optimized positioning over the machining operations of the profile and maximum safety against possible collisions. As an option, the machine can be equipped with an independent



clamps positioning system, which increases the productivity of the machine.

The P107 machining centre has a full covering and a dynamic 8-position tool magazine on the work area, which allows fast pick-up from any point of the machine.

The moving-column machine concept also allows high work rates to be achieved with a relatively compact machine overall size, offering the operator excellent ergonomics when loading/unloading workpieces.

