

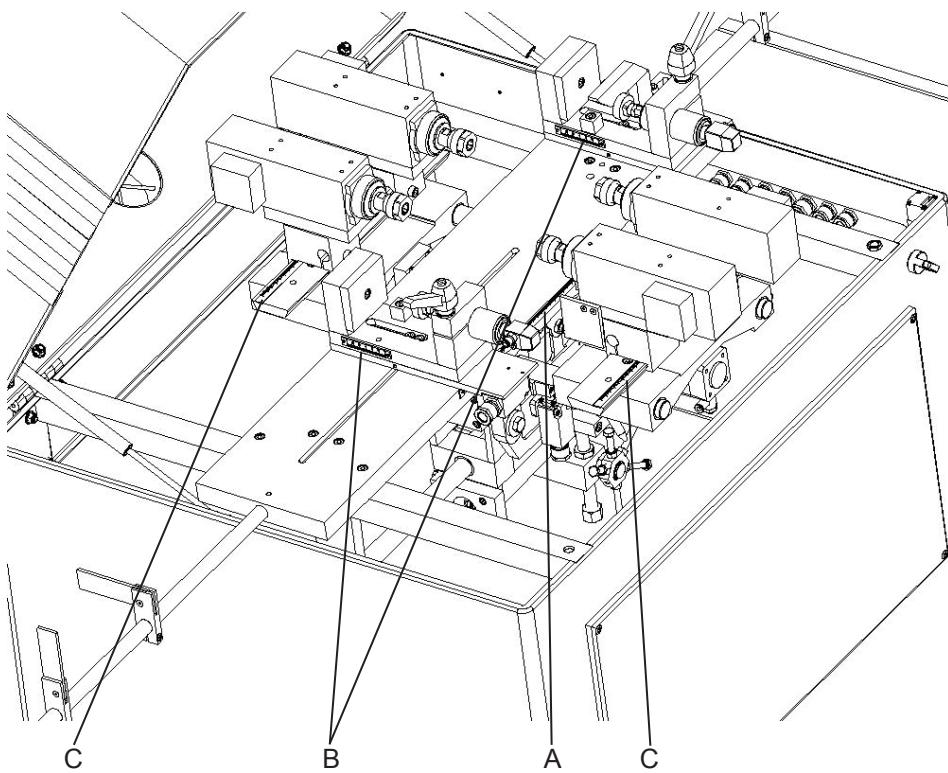
Automatic milling machine for ventilation grids on pvc profiles



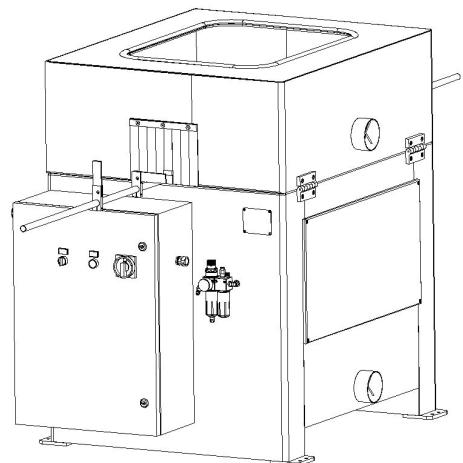
MP44 carries out the slots to insert the ventilation grids with a high productivity automatic cycle thanks to two opposing pairs of motors.

MP44 is provided with four high frequency electro-spindles managed by an inverter. The motion through an oil-pneumatic cylinder results in a smooth and constant milling.

Two lateral stop devices fitted on each side of a 1m long rod make the longitudinal positioning of the profile on both sides of the machines easier. The viewing window on top of the cover is made of scratch-resistant Margard.



During machining MP44 produces a high quantity of chips, therefore there are two connections for vacuum cleaner on the back of the machine.



Positioning:

A) The longitudinal position [x] of the left clamp can be adjusted, which allows to block the profile with clamps at the minimum possible distance between each other.

B) Both clamps can be positioned transversally [y] too, so that the profile can be blocked at an equidistant position from the two pairs of electro-spindles.

C) The electro-spindles are placed on a dovetail guide, enabling to position them at an adjustable distance between 64mm and 300mm.

All three kinds of positioning are eased by millimetre scales (A-B-C).

Set up:

For a precise and quick repetition of the working cycle, the revolver of the milling machine MP44 is equipped with a set of three end-stroke stops, which allow to set:

- the longitudinal stroke [x];
- the milling depth [y] on the front and rear units;
- the height [z] of the two opposing units independently.

A set of four mist-sprayers for coolant is available to work aluminium profiles.

Different kinds of tools are available upon request to work both pvc and aluminium profiles.

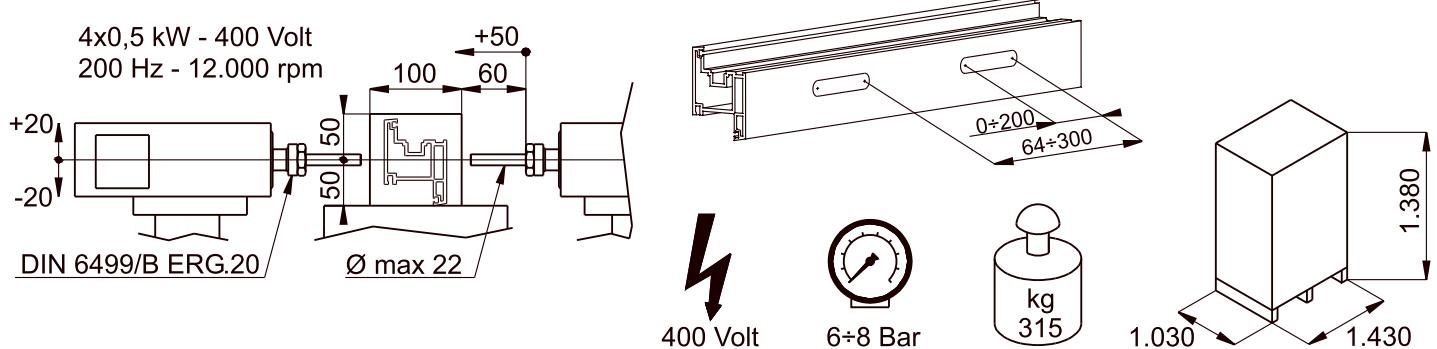
Functioning:

- 1) A switch activating the short-stroke cylinders enables to clamp the profile.
- 2) The working cycle is set in motion by pushing the button on the electric board.

3) The milling operations are carried out automatically.

4) When the units are back to position "0", it is possible to open the protection cover and the clamps.

It is possible to select only the pair of motors close to the operator or both pairs.



The Company reserves the right to amend and improve its products without notice.