(someco)

a voilàp company

WSF 3P

WATER SLOT MILLING MACHINES

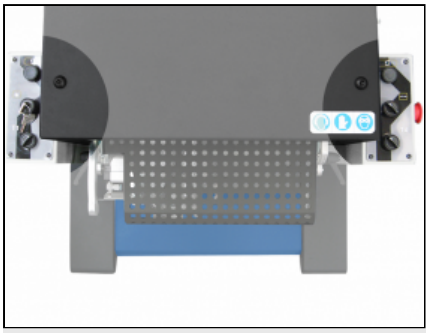


Automatic water slot milling machine also for drilling ventilation holes on PVC profiles. The machine features 3 cutter heads with pneumatic feed and traversing on recirculating ball slideway packs which can be selected independently. The cutter heads are provided with memorizable adjustments through 6 stops on the stroke and 6 stops for head positioning. Tilting of the cutter heads is adjustable thanks to the angular references. Milling is performed via three high frequency electrospindles; four adjustable pneumatic vices ensure clamping of the profile, even large size one. Four excludable stops (two pneumatic) speed up workpiece positioning.

Voilàp S.p.A.
Via Archimede, 10
41019 - Limidi di Soliera (MO)
ITALY

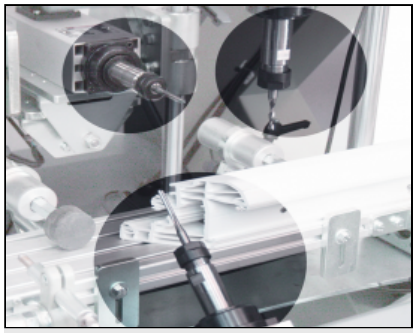
Tel 059 895411
Fax: 059 859404
P.IVA e C.F. 02057270361
info@somecopvc.com
www.somecopvc.com

The right to make technical alterations is reserved.



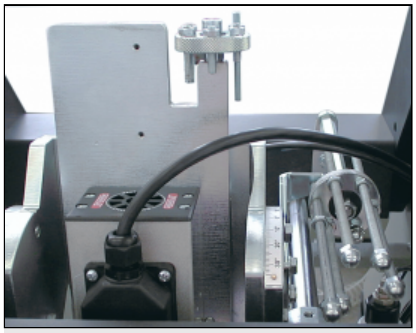
Controls and safety

The ergonomic control panel is provided with hold-to-run push buttons for machine movements and relative start-up. The spindle motors, controlled by an electronic variable speed drive, ensure very reduced stopping times. The vertical workpiece clamping cylinders are provided with safety valves.



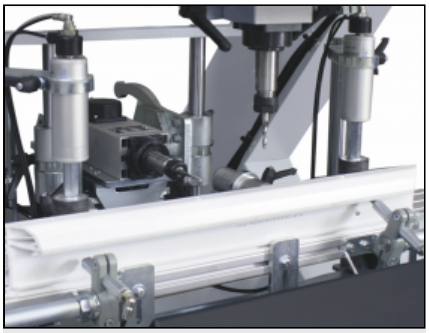
Milling units

The milling unit is driven by a high frequency electrospindle. The stops for head positioning run on recirculating ball bushings and are controlled manually. Pneumatic feed of the units is on recirculating ball slideways.



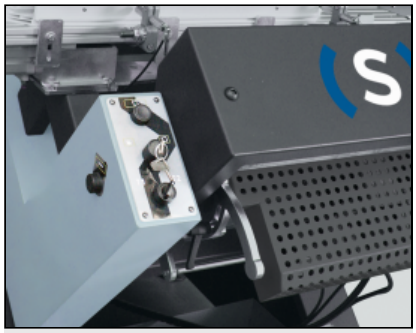
Adjustments

On each cutter head, there are two positive indexing stops with 6 adjustable positions, which memorize the depths of cut and positioning with respect to the workpiece. Each milling unit features angular movement with relative graduated rod. Vice adjustment is manual in order to ensure correct clamping of the profile. The long stroke of the vices minimizes adjustments for the various types of profiles.



Workpiece positioning

The vice table is provided with 4 stops adjustable in length and height, as well as 2 pneumatically excludable workpiece stops: one for the right side and one for the left side. A further 2 stops are fitted on a rod-type support in order to make this machine even more versatile.



Cost-effective running

The pneumatic feed on recirculating ball slideways of the three high frequency electrospindles ensure great accuracy, less maintenance and lower energy consumption.

Voilàp S.p.A.
Via Archimede, 10
41019 - Limidi di Soliera (MO)
ITALY

Tel 059 895411
Fax: 059 859404
P.IVA e C.F. 02057270361
info@somecopvc.com
www.somecopvc.com

The right to make technical alterations is reserved.

WSF 3P / WATER SLOT MILLING MACHINES

CHARACTERISTICS	
3 motors (kW)	0,75
Tool speed (r.p.m.)	18.000
Horizontal milling unit travel (mm)	100
Clamp table travel, milling (mm)	0 ÷ 50
Clamp capacity (width) (mm)	20 ÷ 140
Clamp capacity (height) (mm)	0 ÷ 195
Horizontal clamps	2
Vertical clamps	2
Horizontal and vertical clamps with low pressure device	●
Angular movement of the bottom milling head	15° ÷ 75°
Angular movement of the top milling head	- 30° ÷ 30°
Number of milling units (cutters not included)	3
Cutter collets complete with ring nut	3
Milling cutter shank diameter (mm)	8
Bars with excludable manual stops	2
Excludable pneumatic stops	2
Overall dimensions (width x length x height) (mm)	1.000 x 1.200 x 1.700

Included ● Available ○

Voilàp S.p.A.
Via Archimede, 10
41019 - Limidi di Soliera (MO)
ITALY

Tel 059 895411
Fax: 059 859404
P.IVA e C.F. 02057270361
info@somecopvc.com
www.somecopvc.com

The right to make technical alterations is reserved.