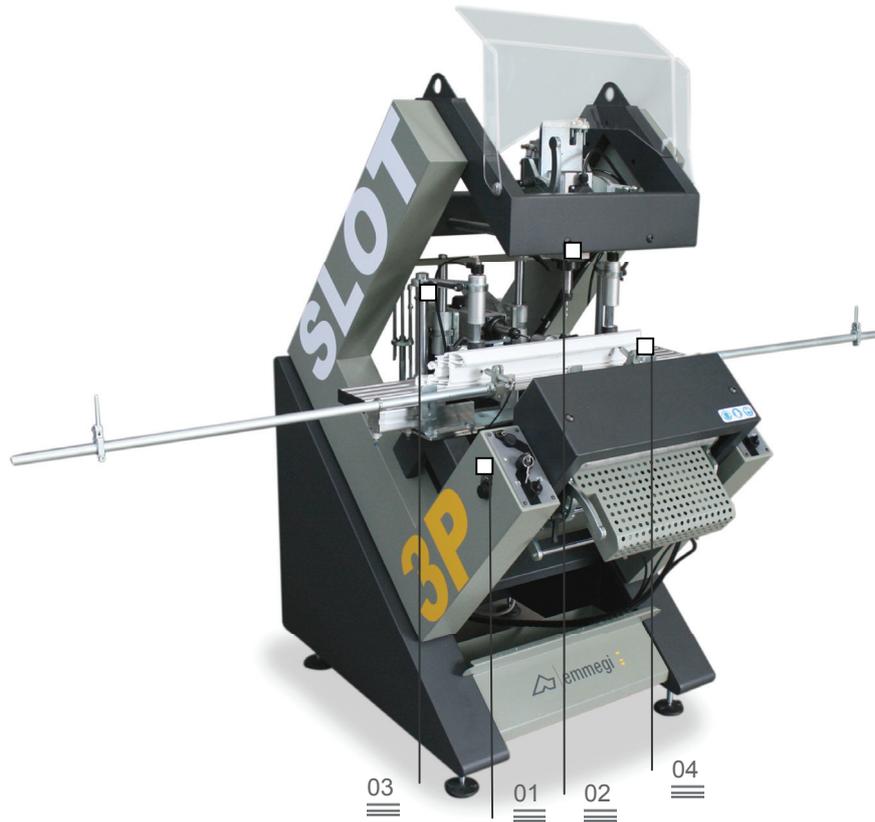


# Slot 3P

## Water slot milling machine

Controls and safety 01

Milling units 02



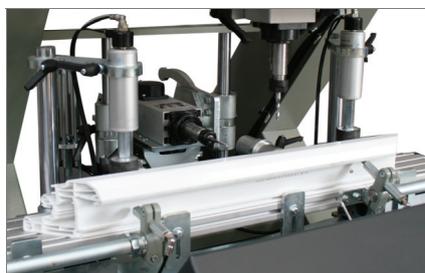
Automatic water slot milling machine also for drilling ventilation holes on PVC profiles. The machine features 3 cutter heads with pneumatic feed and traversing on recirculating ball slideway packs which can be selected independently. The cutter heads are provided with memorizable adjustments through 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.

Adjustments 03

Workpiece positioning 04

Cost-effective running 05



# Slot 3P

Water slot milling machine

## 01

### 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.

## 02

### 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.

## 03

### 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.

## 04

### 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.

## 05

### 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.

#### CHARACTERISTICS

3 motors (kW)	0,75
Tool speed (rpm)	18.000
Stroke, drilling unit (mm)	100
Stroke, milling unit (mm)	0 + 50
Vice capacity, width (mm)	20 + 140
Vice capacity, height (mm)	0 + 195
Toolholder with collet, max. (mm)	Ø = 8
Horizontal and vertical vices with low pressure device	•
Angular movement, bottom unit (°)	15 + 75
Angular movement, top units (°)	- 30 + 30
3 cutters (mm)	Ø = 5
3 cutter holder collets c/w ring nut (mm)	Ø = 8
Rods with manual excludable stops	2
Excludable pneumatic stops	2