

**SCHIAVO**  
*Italian technology*



**VERTICAL MILLING MACHINE**  
**FV-SERIES**

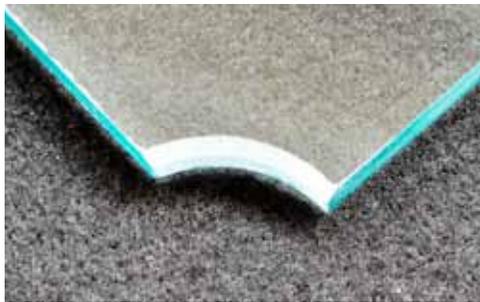
This machine is specifically designed for the milling and counter-sinking operations required obtain the notches of the door hinges and fittings.

Controlled by CNC, with a very user-friendly interface, the FV-series is the ideal solution for small and medium glass processing operators, which can freely design, modify and execute a very large number of notches and shapes, with a highly-competitive price. The machine that was missing in the market is now available with the best combination of features, possibilities and cost.

Schiavo builds its machines with long-lasting materials and superior quality components, improving every day to make your work easier, faster, better.

# VERTICAL MILLING MACHINE

## FV-SERIES



Corner cutouts and corners rounding



Holes for fittings



Square notches

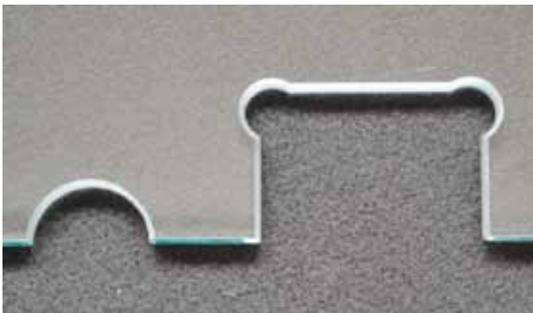
## **SIMPLE, RELIABLE, THE RIGHT MACHINE FOR THE RIGHT WORK.**

The machine body consists in a high speed 3-axis single spindle driven by ball screws controlled by a CNC with touch screen panel. The milling is cooled by external water flows and by a water flow inside the tool. Stainless steel chutes and protection shield are mounted in this area. The glass is held by a support that support firmly the piece during the milling process. The glass sheet positioning is made manually by the operator following a motorized reference block controlled by the CNC module integrated in the machine. The operator has only to slide the glass up to touching the motorized reference block. Then by pressing a pedal the machine blocks the glass sheet and starts the milling process. Once the notch or cut is finished, the multi-tool performs the countersinking of the edge, delivering a clean, ready-to-use shape cut on the glass.

# VERTICAL MILLING MACHINE FV-SERIES

## **POWER TO YOUR CREATIVITY.**

The machine is equipped with a computer provided with a user-friendly software that allows the loading of a series of different working programs. They can be loaded by selecting the built-in notches library. The memorized notch shapes can be easily modified and stored. Other loading procedures include the possibility of ISO programming or the importing of DXF Files loaded by pen-drive through the USB port. The "direct drawing" procedure uses internally memorized shapes which can be easily modified by the operator inputting the concerning parameters. This operational mode is extremely easy and rapid and can be done by not specifically trained operators.



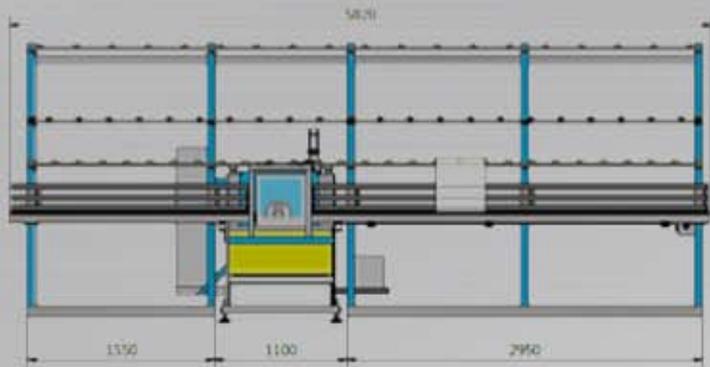
Notches for hinges and fittings.



Notches for handles, every kind of inner cuts.



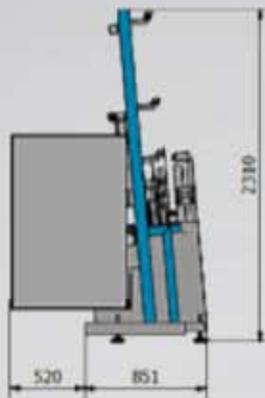
Inner cuts



### Direct support, 24/7.

This machine is equipped for REMOTE SUPPORT:

assistance is provided through the machine's internet connection, SCHIAVO provides Remote Support directly from its offices, operating directly on customer's device giving technical support and assisting the operator during the first period of utilization.



Model:	FV-200	FV-600	FV-1000
Glass Thickness:	6 – 19 mm	6 – 19 mm	6 – 19 mm
Working area (LxH):	200x200 mm	200x600 mm	200x1000 mm
Min Workable piece (LxH):	500x300 mm	500x300 mm	500x300 mm
Max Glass size (LxH):	3210x2400 mm	3210x2400 mm	3210x2400 mm
Installed Power:	8,0 KW	8,0 KW	8,0 KW
Spindle MAX Speed:	10.000 RPM	10.000 RPM	10.000 RPM
Working height:	800 mm	800 mm	800 mm
Overall Dimensions (LxWxH):	4300x1300x2200 mm	4300x1300x2200 mm	4300x1300x2200 mm
Milling tool Length:	75 mm	75 mm	75 mm