Semiautomatic Vertical Milling/Drilling Machine

mod. AZV MILL 1000
This machine is specifically designed for the milling and counter-sinking operations required to obtain the notches of the door hinges and fittings.

It can be supplied with input (L = 2330 mm.) and output conveyors of (L = 1150 mm.). Higher length on demand.

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/drilling process 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 special “U” support that support firmly the piece during the milling/drilling process. The machine is equipped with a Touch screen computer provided with a customer-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 UBS port.

This machine is equipped for REMOTE SUPPORT: in case a customer is provided with internet connection, Zafferani Glas can provide Remote Support directly from his offices, acting directly on final customer’s device giving technical support and assisting the operator in the first period of utilization.

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.

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.

The working area in which it’s possible to execute any kind of milling/drilling is 200 mm (length) and 1000 mm (height). Any milling requiring more than 200 mm length can be executed with further runs.

Thanks to the use of our special multiple tools, you can run any kind of shape, corner or hole without changing the tool at any operation. It’s possible to perform any kind of execution before the tempering treatment.
Any component of the machine meets the requirements of European safety standards CE. Warranty: 12 months.

*Technical features:*

- Glass Thickness: 4 – 25 mm. (5/32"-1")
- Working area: 200 x 1000 mm. (H) (7.8" x 39.37")
- Holes Min. Ø 13 mm for our special multiple tool.
- MIN Workable piece: 500 mm (Length) X H= 300 mm. (12")
- MAX Glass size: 2.400 X 3.210 mm. (95"x126")
- Installed Power: 8,0 KW
- Spindle MAX Speed: 10.000 RPM
- Weight: 1.280 kg.
- Max Milling Tool Length: 100 mm.