

# SCHIAVO's glass solutions for washing machines hit Glasstec

**W**ith a production that's 100 per cent made-in-Italy, the going offer at Milan-based Schiavo includes vertical and horizontal washing machines, vertical drilling/milling CNC machines, vacuum lifters and manipulators, as well as warehouses and double glazing machines.

## VERTICAL AND HORIZONTAL WASHING MACHINES

Washing machines are among the main best-sellers, with the company's vertical washing machines divided into 5 models, namely Easy, Top, WD, Plus and Hydro. Horizontal washing machines are

characterized by a single model, the HTL, which also boasts high quality and performance.

- Of the machines, Easy is the simplest and cheapest. Available for glass and with a 1600 and 2000 mm height, the model represents an excellent solution in terms of its quality/price ratio.
- Top is available for glass, is 1600 to 3300 mm high and has a thickness of up to 20 mm. This machine is characterized by a sturdy

structure that's made entirely of stainless steel. Here, again, the product is of a very elevated quality.

- WD is a washing machine with a thickness adjustment, by crank, of up to 20 mm. The available sizes for glass have a height of 1600 and 2000 mm.
- Plus is a washing machine model of superior quality that's designed to last over

After operating for over 40 years in the field of flat glass processing machinery, SCHIAVO is now a leader in the production of machines for washing, lifting and processing flat glass. At Glasstec, the company will showcase the best of its washing technology, including its new FV1000 vertical drilling/milling model.



time. It's available from 1600 up to 3300 mm in size and it has a maximum thickness of 20 mm.

- Hydro is an optimum vertical washing machine model - a robust machine of uncompromising quality. An Industry 4.0 classified machine, the model was created for line-connection with other machines. As such, Hydro is equipped with remote assistance as well as machine data exchange. Available for glass, its height is from 1600 to 3300 mm and it has a thickness of up to 40 mm.
- HTL series washing machines are designed to guarantee high quality and high performance. Extremely reliable, with a robust structure, HTL series washing machines offer superior washing quality with the best tech-

nology available. Made to last longer than many other similar machines on the market, thanks to an accurate analysis of the functions and the utmost attention to detail. Designed to provide the best washing quality both in line, connected to other machines such as double edgers or as a stand alone machine. Available for glass with width from 500 to 3300 mm and thickness up to 40 mm. The HTL model is also classified in Industry 4.0.

## VERTICAL CNC DRILLING/MILLING

For vertical drilling-milling, the FV1000 is a 4-axis CNC machine. Industry 4.0 classified, this model allows glass factories to perform any type of carving, holes and shapes that are necessary for installing hinges, locks and any type of accessory - whether on glass

or glass doors for furniture. Other possibilities include squares, circles, rounded corners, corner cutouts, mickey mouse silhouettes, 'U' shapes and much more. With the FV series the possibilities are nigh endless. It has a rich, built-in shape library with all shapes both editable and savable as new. Also, ISO or DXF files can



be imported into the machine from any computer - either by LAN or Wi-Fi or via USB port with a pen drive. Here the 'direct drawing' procedure uses internally-stored shapes that are easily modifiable by the operator upon entering the relative parameters. The operating mode is extremely simple and fast and can be performed by operators who aren't specifically trained. The FV1000 is equipped with a pneumatic gripper for automatic positioning of the glass. With this accessory, the operator has simply to oversee the loading and unloading of the glass. All other operations are managed automatically by the machine, thus making the process much faster.

### VACUUM LIFTERS

Vacuum lifters are among the products in which Schiavo has invested most in terms of research and product development. In-

deed, particular attention has been paid to safety, especially when such appliances are used on construction sites. Here, in the field of lifting glass sheets, numerous models and options are available to satisfy any need. Each device is characterized by a sturdy steel structure, double-safety circuit and a double-vacuum tank that guarantees sheet grip - even in the event of a power failure. There's also an acoustic and light alarm that alerts the operator when the appropriate vacuum degree has been reached so the plate can be lifted or of a possible drop in vacuum degree and hence a potentially hazardous situation. Suc-

tion cup devices are divided into fixed, manual and motorized. Available models have capacities that range from 180 to 2000 Kg and more - as

per request. Moreover, specific suction cup devices have been designed to lift structural triple-jumbo 6000 x 3300 mm double-glazing panels.



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