



Revolutionizing glassworks: SCHIAVO's leading industry 4.0 machines

A prominent player in the production of machinery for washing, lifting and processing flat glass, Schiavo has been a cornerstone of the industry for over 40 years. Located near Milan, the company proudly maintains a 100 percent made in Italy production standard. Its extensive offering includes vertical and horizontal washing machines, vertical CNC drilling and milling machines, vacuum lifters, ma-

nipulators and equipment designed for insulated glass production.

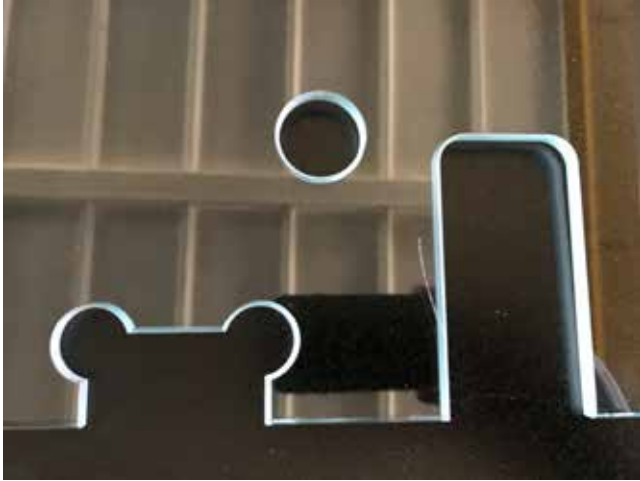
VERTICAL CNC DRILLING/MILLING MACHINE

At the forefront of Schiavo's technological advancements is the FV1000 vertical drilling-milling machine, a sophisticated four-axis CNC system that empowers glassworks to execute a variety of cuts, holes and shapes - all necessary for installing

With its product range of industry 4.0 solutions that includes vertical CNC drilling/milling machines, vacuum lifters and washing machines, SCHIAVO stands out for precision, safety and innovation. The company's equipment is designed for high-performance glass processing - delivering advanced automation and superior quality across various applications.



hinges, locks and other accessories on glass doors and furniture. The FV1000 can create such intricate designs as squares, circles, rounded corners, corner cut-outs, 'Mickey Mouse' shapes, U-shapes and more. The FV series stands out with its extensive built-in shape li-



VERTICAL AND HORIZONTAL WASHING MACHINES

Washing machines are among Schiavo's core products and top sellers - available in a range of models to suit various needs. The vertical washing machines come in five models, namely EASY, TOP, WD, PLUS and HYDRO, while the horizontal washing machines include a single model, HTL, known for its high quality and performance.

- The EASY model is the most basic and cost-effective, accommodating glass heights of 1600 and 2000 mm, making it an ideal choice for those seeking a strong quality-to-price ratio.
- The TOP model caters to

glass heights ranging from 1600 to 3300 mm and handles thicknesses of up to 20 mm. Constructed entirely of stainless steel, it guarantees durability and high-quality output.

- The WD model features adjustable thickness via a hand crank and is suitable for glass heights of 1600 and 2000 mm.
- For those requiring superior durability, the PLUS model is available in sizes from 1600 to 3300 mm - also accommodating glass thicknesses up to 20 mm.
- The HYDRO model serves as Schiavo's flagship vertical washing machine, engineered for high performance and reliability. It is designed for in-line integration with other machinery and classified as an Industry 4.0 machine, complete with remote assistance and data

brary, where all shapes can be modified and saved as new. This versatility is enhanced by the ability to import ISO or DXF files from any computer via LAN, Wi-Fi or USB. The machine's 'direct drawing' procedure allows operators to modify stored templates easily by inputting relevant parameters - ensuring a straightforward operation that requires no specialized training. Equipped with a pneumatic clamp for automatic glass

positioning, the FV1000 minimizes manual handling - operators need only load and unload the glass. All other functions are automated - streamlining the process significantly. The FV1000 is also classified as an Industry 4.0 machine - underscoring Schiavo's commitment to modern manufacturing technologies.



HYDRO2600.6



exchange capabilities. The HYDRO model handles glass heights from 1600 to 3300 mm and thicknesses up to 40 mm.

- The HTL series is engineered for high quality and performance, featuring a robust structure that ensures superior washing capabilities. Designed to last longer than many competitors, the HTL machines are subjected to meticulous functionality analysis and detail-oriented design. They excel in providing optimal washing quality, whether in-line with other machines or operating as stand-alone units and are available for glass widths ranging from 500 to 3300 mm with thicknesses up to 40 mm. The HTL model is also recognized as an Industry 4.0 machine.

VACUUM LIFTERS

In addition to washing machines, Schiavo has invest-

ed significantly in research and development for its vacuum lifters, prioritizing safety - particularly in construction environments. A variety of models and options are available to address diverse glass sheet lifting needs. Each vacuum lifter is characterized by a robust steel structure, dual safety circuits and a double vacuum tank - ensuring secure handling even during power outages. The devices include audible and visual alarms that alert operators when the vacuum level is sufficient for lifting or if there is a decrease, signaling potential danger. Schiavo's vacuum lifters are categorized into fixed, manual and motorized devices, with capacities ranging from 180 to 2000 kg and beyond - depending upon specific requests. Additionally, specialized models are available for lifting structural triple-jumbo in-

HTL1600

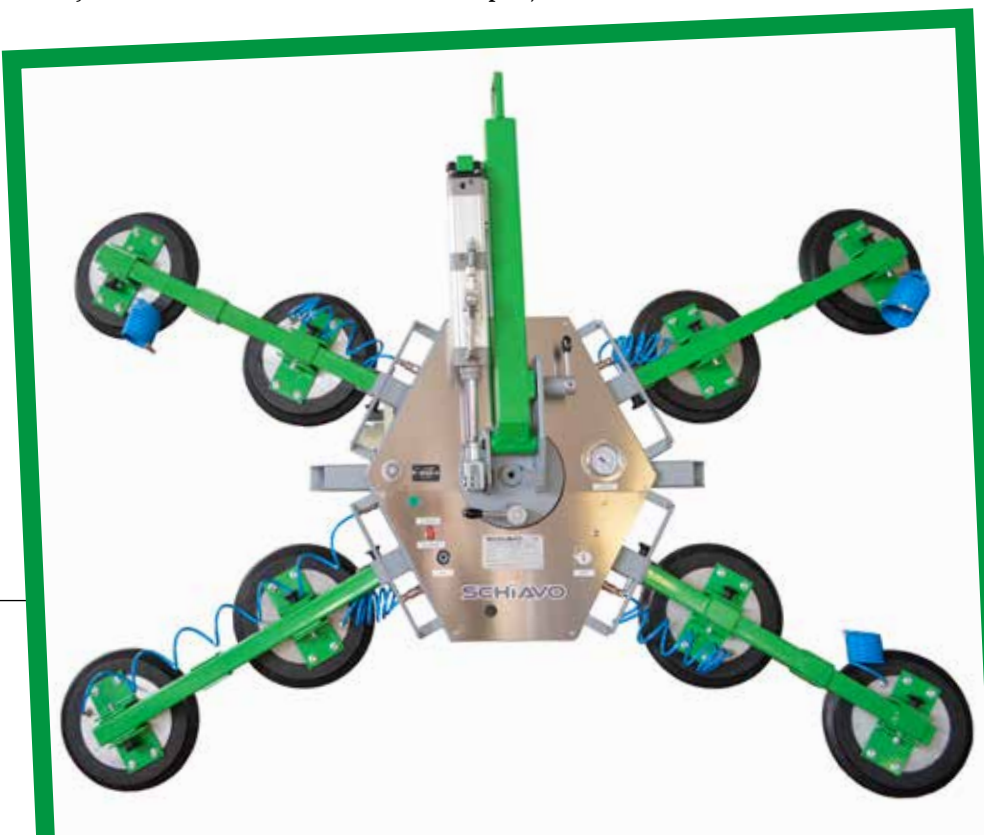


sulated glass panels, capable of handling dimensions up to 6000x3300 mm.

IN SUM

With a legacy of innova-

tion and quality, Schiavo continues to be a leader in the glass machinery industry - offering state-of-the-art solutions that meet the evolving needs of glassworks worldwide. Its unwavering commitment to excellence ensures that customers can rely on the company's machinery for efficiency, safety and superior performance in their operations.



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40 years
alongside
glass's experts

SCHIAVO
Italian technology



Quality & Experience • 100% Made in Italy

HYDRO

Vertical washing machine



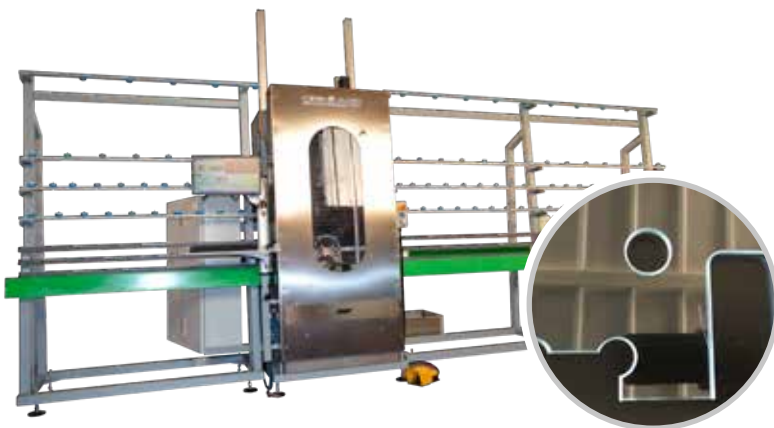
HTL

Horizontal flat glass washing machine



FV1000

Vertical milling and drilling machine



GEBI

Vacuum lifter



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