



WASHING

ART. VW - "HIGH TECH" WASHING MACHINE



FOREL

40 YEARS OF KNOW-HOW

The **Art. VW vertical washing machine** is one of the most long-lived Forel brand products and has always been a highly strategic tool in glassworks, for vertical processing lines as well as double-glazing assembly lines. The first model dates back to 1978 and was the outcome of a highly innovative intuition for the times. On its debut, the vertical washing machine immediately made its name and won appreciation on the market. Over the 40 years since, it has **evolved hand in hand with new technologies**. Today as yesterday, the **Art. VW washing machine** is a key resource for glassworks.



VERTICAL WASHING MACHINE ART. VW "HIGH TECH"

The Art. VW vertical washing machine is one of Forel's most versatile and highly-regarded solutions.

Offering renowned reliability and precision, it may be used in either a vertical processing line (after grinding/polishing/drilling/milling) or an insulating glass unit production line.

TECHNICAL CHARACTERISTICS

The "High Tech" version of the Art. VW vertical washing machine is available as 4 variants, offering 4 different maximum pane heights up to the Jumbo format.

Each model washes the newly processed panes completely and thoroughly in a process consisting of the following 4 stages:

- **pre-washing**, with an array of spray bars;
- **washing**, carried out with sets of both hard and soft-bristled brushes (measuring 200 mm in diameter on the 3 smaller models and 225 mm on Jumbo version);
- **rinsing**;
- **dring**.





THE PERFECT TOUCH

For superior quality washing results, the Art. VW washing machine is equipped with the following:

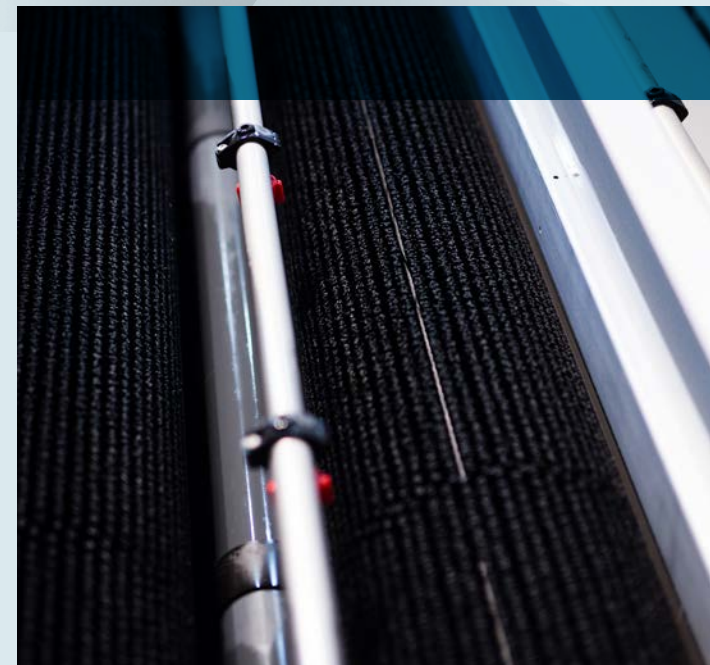
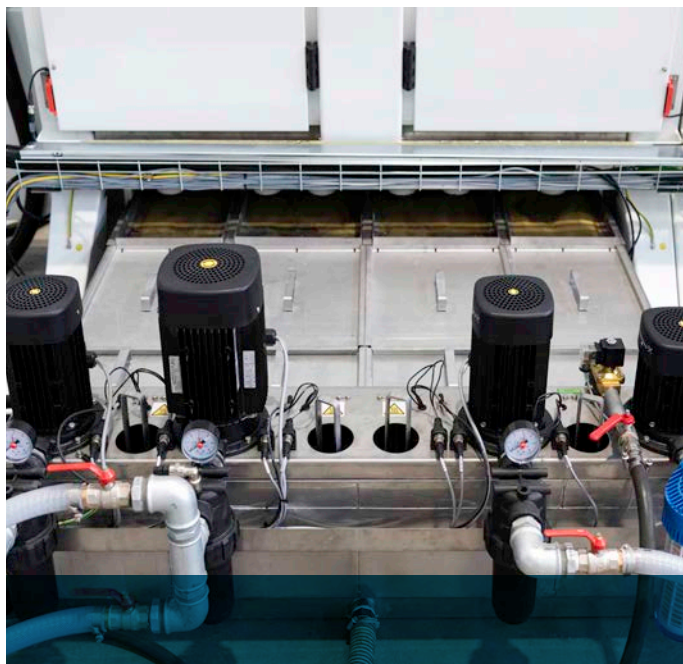
- **pane thickness reader device:** allowing the machine to move the brushes towards or away from the pane to ensure perfect cleaning performance while minimising brush bristle wear.
- **front side low-emissivity coating detector:** if a low-emissivity coating is detected on the pane, the hard-bristled brushes are retracted to prevent damage to the coating itself. The pane is washed using the soft-bristled brushes only.

ATTENTION TO DETAIL

Nothing was left to chance in the design and development of the Art. VW washing machine.

The **collector tank** is equipped with thermostatically regulated electric heating elements to keep the water used at a temperature of 40°C (60°C as optional). The tank is subdivided into four sections to decant contaminated water more efficiently, with each section equipped with its own collection pumps and filters.

For even more effective performance, an optional **anti-static bar** may be installed at the exit of the washer machine which neutralises the natural electrostatic charge of the glass surface to prevent it from attracting dust and other foreign matter.



OPTIONAL

The **Art. VW washing machine** may also be equipped with a number of additional options to cater for specific production requirements.

- **rear side low-emissivity coating detector**, with relative system for retracting brushes on rear side of pane;
- **2 additional brushes** (for a total of 8);
- **60°C water heating system**;
- **reverse osmosis demineralization system** and sand filter.

ART. VW - "HIGH TECH" WASHING MACHINE



Type **VERTICAL WASHING MACHINE**

Technical characteristics

Washer Models (High Tech Series)	VW00020HT	VW00025HT	VW00028HT	VW00033HT
Height (mm)	3,340	3,750	4,050	4,375
Length (mm)	2,640	2,880	3,000	3,720
Depth (mm)	2,000	2,000	2,000	2,200
Water heating	40°C (60°C optional)			
Number of brushes	6 brushes (8 optional)			
Brush diameter (mm)	200	200	200	225
MAX pane height (mm)	2,000	2,500	2,800	3,300
MAX transportable weight (kg/m)	200			

*Forel is constantly working on the development of new solutions.
Some data present in this leaflet may differ from the models available on the market.

FOREL SPA

Via per Monastier 4 - Vallio di Roncade - 31056 - Treviso - ITALY

Tel: +39 0422 840507 - info@forelspa.com

forelspa.com

FOREL