ART. VW
VERTICAL WASHING MACHINE

FOREL'S VERTICAL WASHING MACHINE VW HAS EVOLVED FROM 40 YEARS OF TECHNICAL KNOW-HOW AND IS NOW ABLE TO RESPOND TO ALL THE REQUIREMENTS OF AN EVER-DIVERSE MARKET.

THE REQUIREMENT TO WORK WITH ALL TYPES OF GLASS PANES, SOPHISTICATED COATINGS AS WELL AS POST GRINDING AND ARRISSING MAKES THIS PLATFORM INCREDIBLY VERSATILE.





The solid structure features an innovative concept that reflects Forel's uncompromising philosophy for quality. The design guarantees extreme accuracy during the wash process and enables the management for high capacity in terms of weight per linear metre.

It is equipped with an automatic thickness measuring device which is located at the in-feed point, the device enables the position of brushes and blowers to be adjusted automatically relative to glass thickness.

The scrub brushes are independent and are automatically managed according to glass type and coating.

The same device is also equipped with a low emissivity detector for soft coated glass (front and rear). The washing process is composed of:
– Pre-washing phase, with special rinse jet nozzles that eliminate most of the surface debris this cycle also reduces any excess contamination of the brushes.
– Washing phase, with the combine action of special wash jet nozzles with 6 brushes or 8 as an option, can be fitted with standard type bristles or customised with soft coat compatible, according to specific needs and requirements. Their diameter varies between 200 and 225 mm depending on the height of the machine.
– Rinsing phase, this process is done via an independent compartment with pressure rinse jet nozzles, this zone is normally supplied from water that has been pre-treated from a Forel reverse osmosis unit.

The water collection tank, made entirely of stainless steel, is divided into 4 segments for optimised water filtration and decanting. The tanks are equipped with thermostatically controlled heaters and specifically designed water pumps that supply water to the nozzles and on-board filters.

The drying area is composed of two variable angled blower knives that are powered via a high pressure fan positioned independently of the washer and encased in a noise attenuation cabinet. The blower is equipped with an automatic shut off valve that illuminates any visual drying defects.

All major features, including the electronic speed control and the reverse drive, are managed via the touch screen display.

Every component of the washing machine is easy to clean, maintain and replace. The main mechanical parts are installed to the top of the washer, outside of the wet areas preventing any excess wear from water contamination.

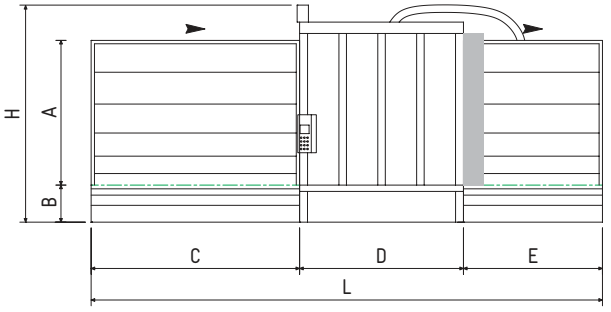


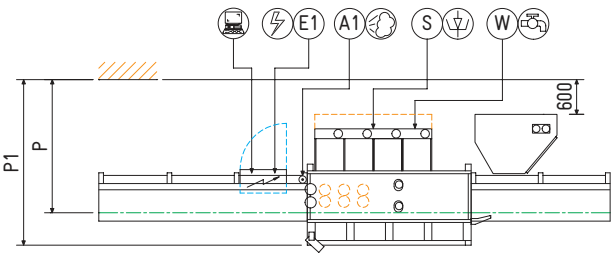




Technical information

	VW1600	VW2000	VW2500	VW2800	VW3200
A	1600	2000	2500	2800	3250
B	640	640	640	640	640
C	2400	3600	3600	3600	3600
D	2460	2590	2830	2950	3670
E	2400	2400	2400	2400	3600
H	2850	3250	3750	4050	4325
L	7260	8590	8830	8950	10870
P	2300	2300	2300	2300	2300
P1	2860	2860	2860	2860	2860
S	Rp 1" 1/4	Rp 1" 1/4	Rp 1" 1/4	Rp 1" 1/4	Rp 1" 1/4
W	Rp 1/2" Ø17 2.5 bar	Rp 1/2" Ø17 2.5 bar	Rp 1/2" Ø17 2.5 bar	Rp 1/2" Ø17 2.5 bar	Rp 1/2" Ø17 2.5 bar
water waste	It depends on the finishing level	It depends on the finishing level	It depends on the finishing level	It depends on the finishing level	It depends on the finishing level
A1	Rp 1/4" 6 bar	Rp 1/4" 6 bar	Rp 1/4" 6 bar	Rp 1/4" 6 bar	Rp 1/4" 6 bar
ethernet	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector
compressed air	50 Nl/min	50 Nl/min	50 Nl/min	50 Nl/min	50 Nl/min
E1	3P+N+E 400/230V Installed: kW 30 -50/60 Hz Absorbed maximum: -80%	3P+N+E 400/230V Installed: kW 30 -50/60 Hz Absorbed maximum: -80%	3P+N+E 400/230V Installed: kW 32 -50/60 Hz Absorbed maximum: -80%	3P+N+E 400/230V Installed: kW 35 -50/60 Hz Absorbed maximum: -80%	3P+N+E 400/230V Installed: kW 37 -50/60 Hz Absorbed maximum: -80%
thermal switch	63 A	63 A	63 A	63 A	63 A





Forel reserves the right to change the data in this general description sheet. The machine shown is a mere guideline, it may include optional accessories and vary according to the maximum work height.

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