

Wave

Wave is the vertical washing machine with total automation and superior performance in terms of productivity, washing quality and integration into business processes.

The strength of Wave is the maximum versatility of configuration and the robust structure suitable for intense processing. The construction and components guarantee maximum reliability over time.

Vantaggi

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LONG LIFE
thanks to the heavy stainless steel structure in both the washing and drying sections
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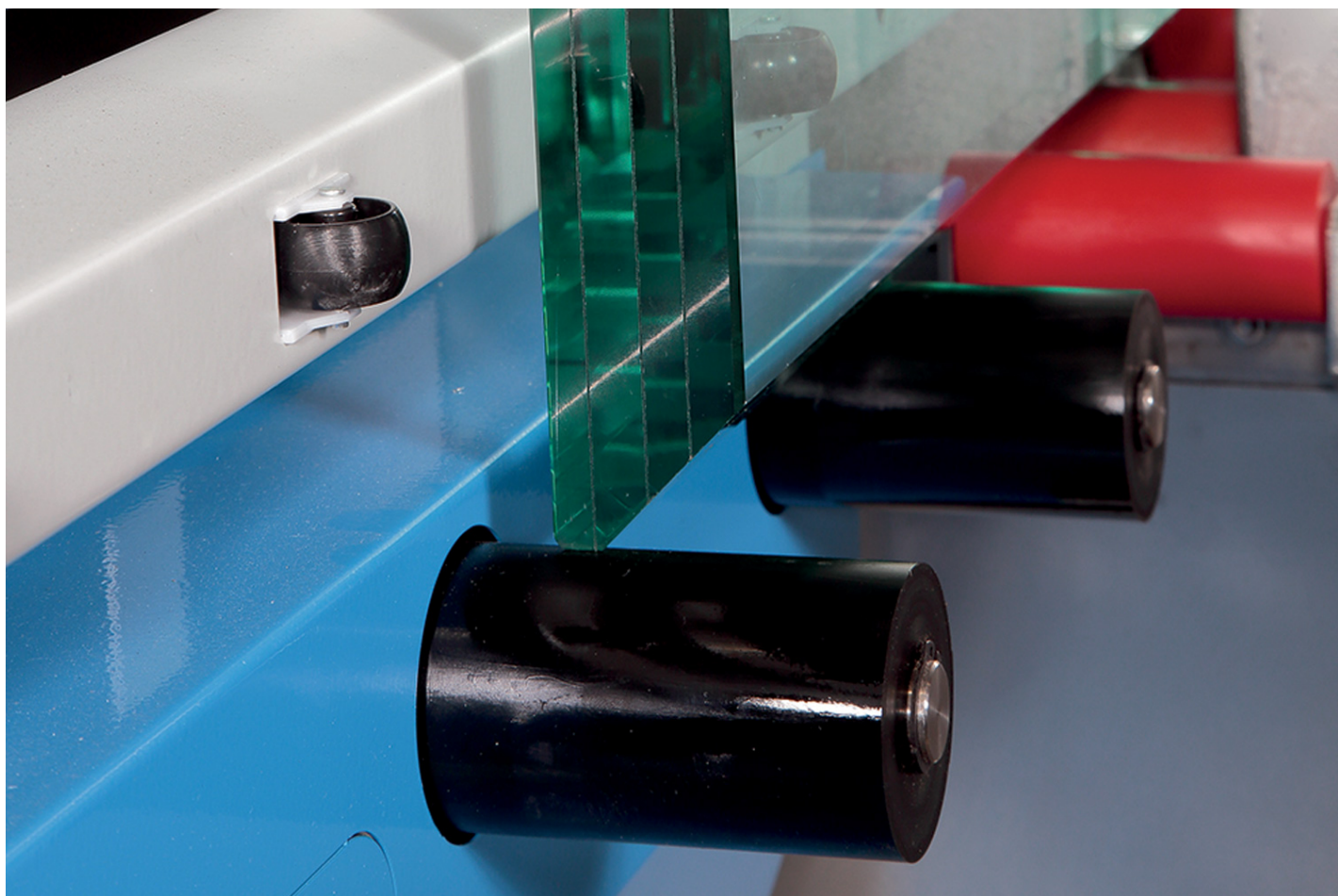
IDEAL FOR PROCESSING LOW-E GLASS
thanks to large diameter brushes and touchless drying belt
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WIDE RANGE OF OPTIONALS
for maximum customization according to customer needs
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COMPLETE AUTOMATION
of all functions for optimal integration in line or robotic islands
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ENERGY SAVING AND LOW NOISE
thanks to the Ecosave system

Technical features



Innovation

Wide range of workable glass thicknesses. Innovative opening system of the frame for optimal water containment during the washing cycle, according to the processed thickness. Heavy Duty execution (option) with maximum load up to 300kg/ml and thickness up to 80mm. Motorization brushes on top.



Powerful control unit

Wave is equipped with a powerful control unit with touch screen to manage the machine, remote diagnosis, scheduled maintenance and several innovative functions: Water quality control A-Qual, energy saving Ecosave, SmartSpeed for different speed management and optimal drying also of the final glass edge, NightCare for pre-heating of the water, programming of the automatic exchange of the water during the night.



Conveying system in the drying section

The conveying system in the drying section with touchless belt allows maximum adherence of the edge of the glass and an optimal drying of the surface, without leaving the typical marks of the conveying rollers.



Water circuits and Brushes

A wide selection of brushes for different processes.

Water circuits in various configurations depending on the application, with inlet and outlet filters, pumps and dedicated tank sections.



Industry 4.0

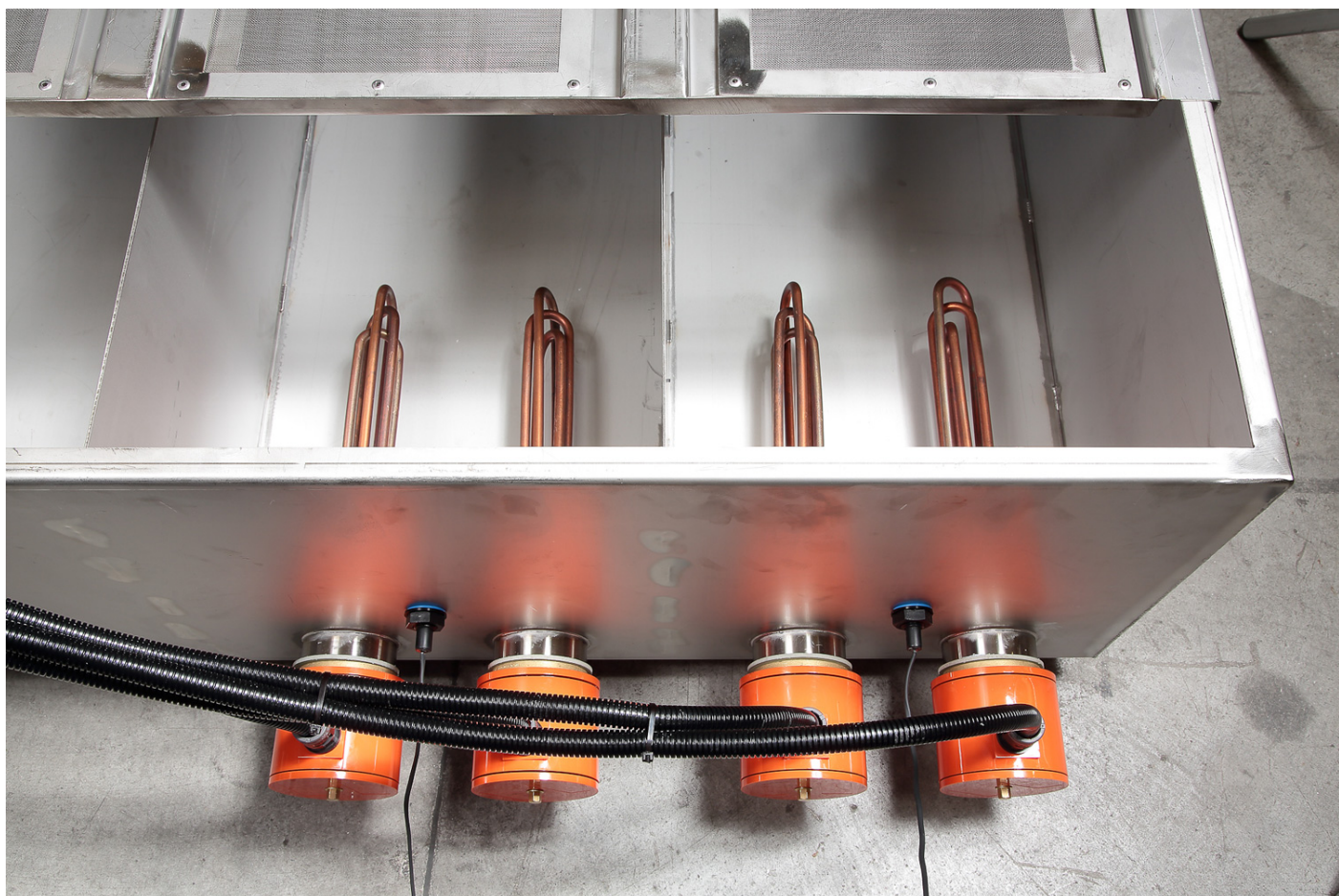
High technology level.

Our machines satisfy Industry 4.0 requirements and are equipped with SCADA system.



Optional

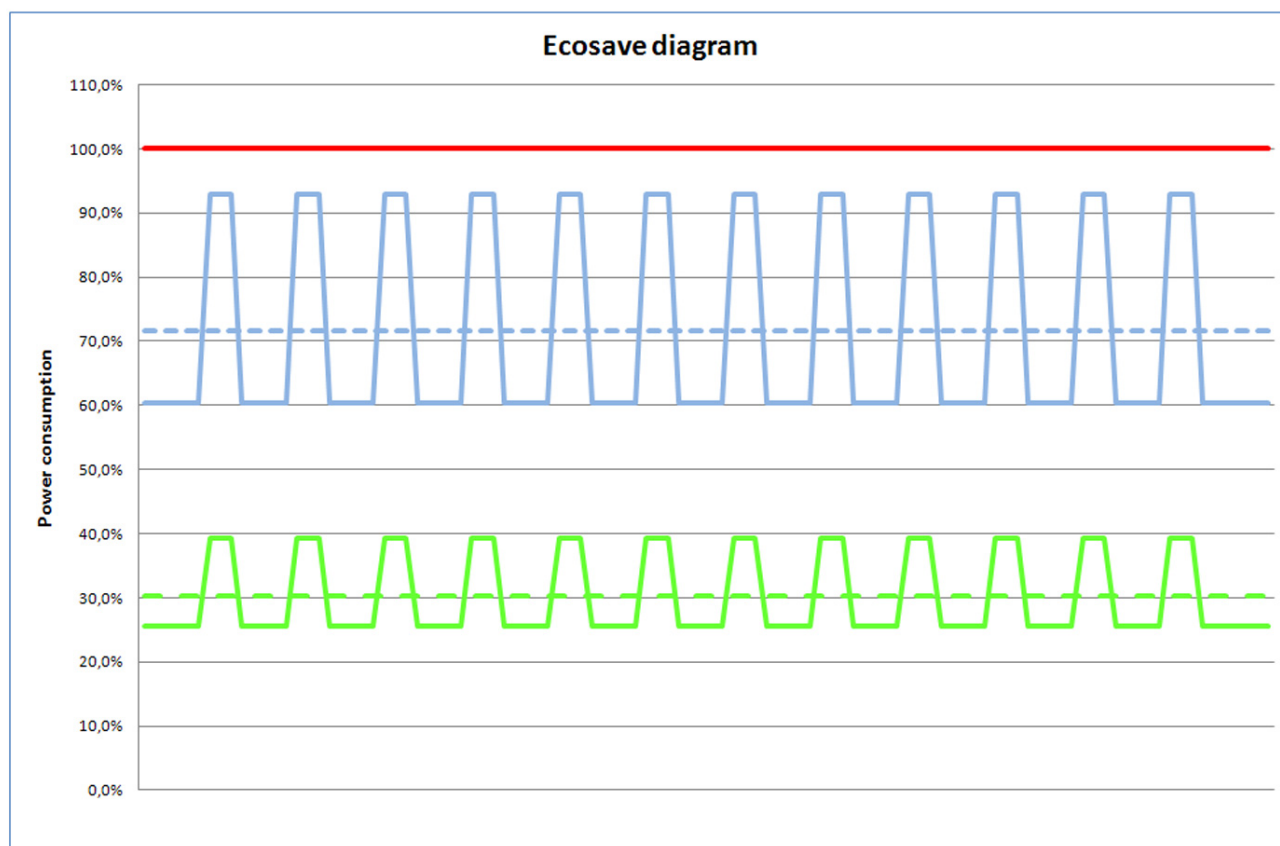
Soft or high density brushes according to the processing needs



Heating device for a tank up to 60°



DEMI series water demineralization plants. Reverse osmosis system, for the generation of demineralized water. Available with production capacity of 190 lt / hr and tank of 500lt



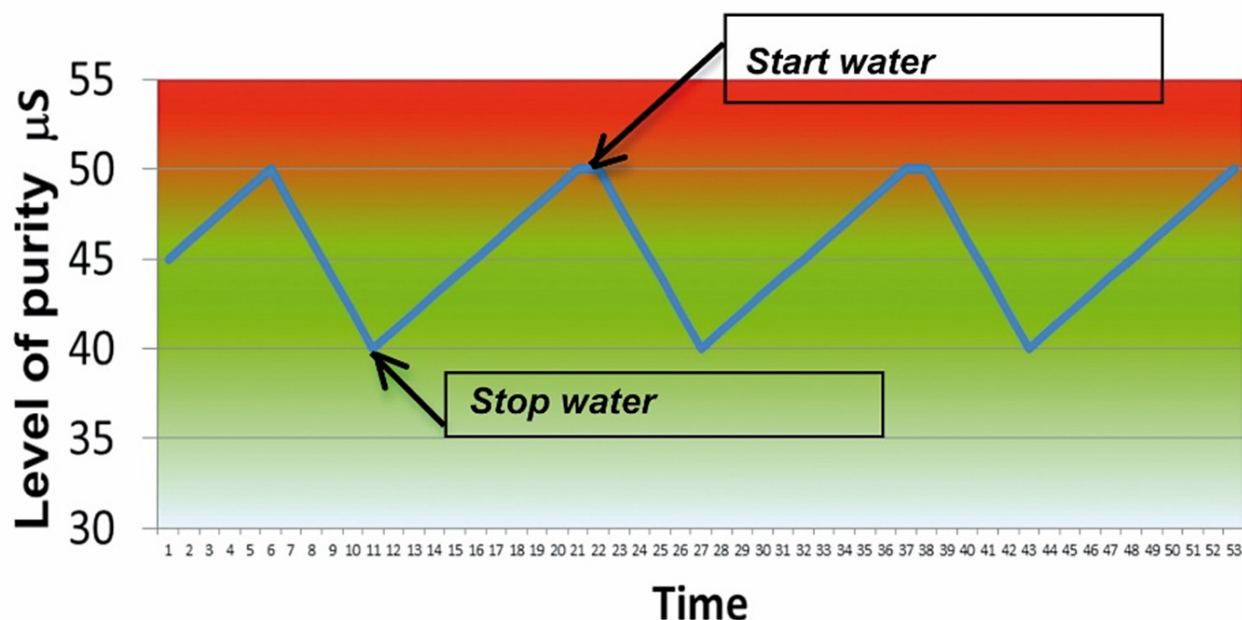
Patented system for energy saving according to the size of the glass. Allows a reduction in noise and electricity consumption by up to 60%



Connection to vertical numerical control centers



At a preset time set on the control panel, the NC activates the automatic emptying of the tanks, at the end of which they are refilled so as to have new water at the beginning of the shift. The function can be set for each day of the week



Water circuits that can be configured according to the application, with inlet and outlet filters, pumps and dedicated tank sections. Water quality control and management system, which automatically feeds clean water according to the required level of purity

It allows Neptun full access for assistance and updates, not only to the operator panel but also to PLCs, drivers, motors and sensors

Dati tecnici

Model	Dim. mm	KW	Min. glass dimension mm	Max. glass dimension mm	Glass thickness mm	Speed m/min	Weight Kg
Wave 2342-P	6590 x 3350 x 3005	33	450 x 190	2300	3-40	1-8	3000
Wave 2362	6590 x 3350 x 3005	33	450 x 190	2300	3-40	1-8	3200
Wave 2842-P	6590 x 3850 x 3005	33	450 x 190	2800	3-40	1-8	3350
Wave 2862	6590 x 3850 x 3005	33	450 x 190	2800	3-40	1-8	3550
Wave 3342-P	6590 x 4350 x 3005	33	450 x 190	3300	3-40	1-8	3800

Neptun srl

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Wave 3362	6590 x 4350 x 3005	33	450 x 190	3300	3-40	1-8	3900
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