

**SCHIAVO**  
*Italian technology*



**VERTICAL WASHING MACHINES**  
**TOP SERIES**

TOP series washing machines are projected to guarantee a high-quality machine with high performance. Extremely reliable, yet with very low maintenance costs, TOP series washing machines are designed to deliver a superior washing quality with the best technology available. Suitable for stand-alone use or in-line installation, connected with other machines like insulating glass lines, vertical CN machines and other vertical glass processing machines.

Schiavo builds its machines with long-lasting materials and superior quality components, improving every day to make your work easier, faster, better. The features of the TOP series washing machines makes them unique in the market, the best combination available today for quality and competitiveness.

# VERTICAL WASHING MACHINES TOP SERIES



Brushes are made of one piece, no sector brushes.

Brushes shafts are made of stainless steel, rectified and balanced.

Advantages:

- no vibrations when rotating
- very high washing quality
- very low wear of mechanical parts
- longer life time



Machine body, including all doors, spraying bars (on request) & water tanks are completely made of Stainless Steel, this means:

no corrosion, high quality machine and longer lifetime

Long lasting, simple materials, rubber without silicone

Advantages:

- longer lifetime
- no production stops
- parts easy to find worldwide, easy to replace
- no marks on the glass
- high production quality



The transmission is made by hard nylon reinforced with glass fiber conical pinions, Teflon core with Vulkollan external layer geared rolls and stainless steel shafts, which means: low noise level, no need to lubricate, low maintenance, no corrosion and safety for operators.



Top quality Electronic Components, blower and glass transport motors "IE2 and IE3". Advantages:

- very low maintenance
- easy to find worldwide
- less production stops
- less energy consume
- money saving

# VERTICAL WASHING MACHINES TOP SERIES

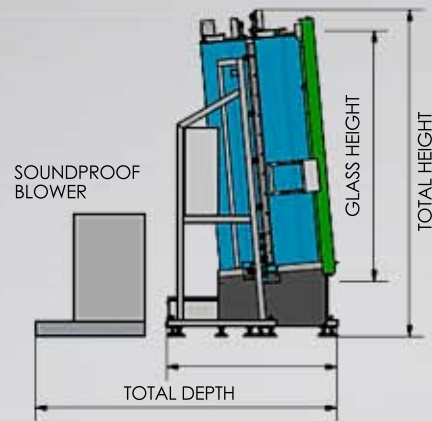
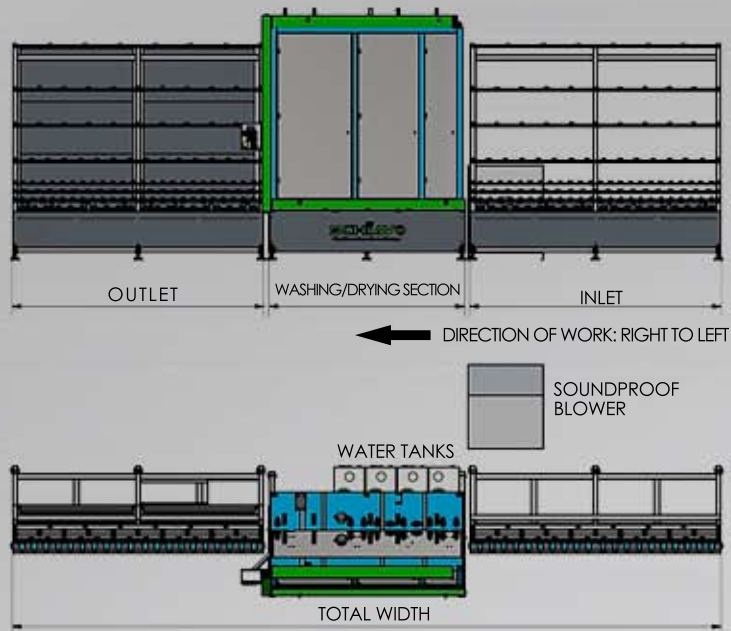
Soundproof drying section and blower box, reaching very low noise levels, CE and international regulations compliant. This means a healthy and safe environment for operators.



## Other features:

- Closed top machine with open top option on 1600 and 2000 models
- Adjustable speed by inverter
- Automatic glass entry
- Automatic glass output
- Output limit switch sensor
- Inspection lights in the output conveyor
- Heating resistance for hot-water washing
- Submersible water pumps and filters
- Galvanized steel air knives
- Separate washing & rinsing sections with closed water cycles
- Machine 100% Made in Italy
- Capable of sporadic washing of glasses from 12 to 19 mm of thickness

## OPTIONS



Pre-washing section with water sprayers, tank and pump to remove excess of dust and dirt off the glass sheet before washing.

Open-top for glasses up to +600 mm and glasses up to +1000 mm (TOP1600 and TOP2000).

Motorized opening for glass thickness adjustment up to 40 mm.

Manual opening by manual wheel handle for glass thickness adjustment from 3 to 20 mm.

Independent water tanks and pumps for each brushes couple and rinsing section

Energy Saving System, sensor controlled automatic stand-by mode.

High density brushes for a better washing of sandblasted or other dirtier glasses

Stainless steel spraying bars

Model:	TOP1600	TOP2000	TOP2600	TOP3000
Max. glass height:	1600 mm	2000 mm	2600 mm	3000 mm
Min. glass dim. (LxH):	350x150 mm	350x150 mm	350x150 mm	350x250 mm
Thickness:	3-12 mm *	3-12 mm *	3-12 mm *	3-12 mm *
Speed:	1-6 m/min	1-6 m/min	1-6 m/min	1-6 m/min
Working Height:	650 mm	650 mm	650 mm	650 mm
Inlet Rack:	2000 mm	2000 mm	2500 mm	2500 mm
Output Rack:	2000 mm	2000 mm	2500 mm	2500 mm
Working direction:	right to left	right to left	right to left	left to right
Voltage:	400 V – 50 Hz	400 V – 50 Hz	400 V – 50 Hz	400 V – 50 Hz
Commands Voltage:	24 V	24 V	24 V	24 V
Power:	8.5 Kw	10 Kw	13 Kw	15 Kw
N° Brushes:	4/6	4/6	4/6	4/6
Back Brushes:	0.2 µm Bristle	0.2 µm Bristle	0.2 µm Bristle	0.2 µm Bristle
Front Brushes:	0.2 µm Bristle	0.2 µm Bristle	0.2 µm Bristle	0.2 µm Bristle
N° Air Knives:	2	2	2	2
N° Water tanks:	2/3	2/3	2/3	2/3
Ø Brushes:	120 mm	120 mm	150 mm	150 mm
Overall Dim.:	6100x1800xh2300 mm	6100x1800x2900 mm	7500x2300xh3400 mm	7900x2700x4200 mm
Transport Dim.:	2000x5100xh2300 mm	2400x5100xh2900 mm	2400x8000xh2500 mm	2400x8500x2700 mm

\* sporadic washing of glasses from 12 to 19 mm of thickness

# SCHIAVO

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