



# EMAR S.R.L.

## GLASS WORKING EQUIPMENT

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### VERTICAL WASHING MACHINE FOR GLASS

**Mod. M 2000**

VOLTAGE	: 400 Vac 3 Phase+Neutral 50 Hz
TOTAL ABSORBED POWER	: 20 Kw 400 Vac 50 Hz
VENTILATOR MOTOR	: 7,5 Kw 400 Vac 3 Phase 50 Hz
PULLING AND BRUSHES MOTOR	: 0,37 Kw. 400 Vac 3 Phase 50 Hz.
RECICLE PUMP MOTOR	: 0,37 Kw. 400 Vac 3 Phase 50 Hz.
HOT WATER RESISTANCE	: 4.5 Kw. 400 Vac. 3 Phase 50 Hz
WASHABLE GLASS DIMENSIONS	: Minimum about 350 x 250 h. mm.
	: Maximum about 2900 x 2000 h. mm.
GLASS WASHABLE THICKNESS	: From 3 to 14 mm. SELF-ADJUSTABLE
WORKING DIRECTION	: From left to right
WORKING SPEED	: From 3 to 8 mt/min.
WORKING PLANE HEIGHT	: 600 mm. about
HEIGHT	: 2.900 mm. about
LENGTH	: 8.600 mm. about
WIDTH	: 1.200 mm. about
WEIGHT	: 2.000 Kg. about

Composed as follows:

- 01 Motorized entry with a length of 3 mt., 2 mt. height, with clutched anticut vulcollan rollers, mounted on bearings and bushing. This module has a motor complete of reducer. Protections against access to the dangerous parts of the machine according to the EU norms.

*INCLUDED*



- 01 Washing machine 2.6 meters long and height of 2 mt. Composed by 6 brushes diameter of 160 mm. With stainless steel shafts, complete with three tanks, pumps, filters and internal in stainless steel. Heating water to 4.5 kW. Blower included in an insulated boxafono with system to close the air when the glass is still in the machine. Speed electronically self-adjustable from 3 to 8 mt per min. System of protection against access to dangerous parts of the machine according to European standards.

*INCLUDED*

Optional low-e brushes  
Optional magnetronic brushes system

*NOT INCLUDED*  
*NOT INCLUDED*

01 Motorized exit with a length of 3 mt. and height of 2 mt. with clutched anticut vulcollan rollers, mounted on bearings and bushing. This module has a motor complete of reducer. Inspection glass control lights, stop-glass sensors. Protections against access to the dangerous parts of the machine according to the EU norms.

*INCLUDED*

Optional connection with the preparation line

*INCLUDED*

Recommend the feed water of the washing machine having the following characteristics:

Conductivity	less than 10 uS (microsiemens)
Total hardness	less than 5 ° F (French degrees)
Salt content	less than 5 mg / L
Chloride	less than 5 mg / L
Iron	less than 0.05 ppm
Turbidity	less than 0.5 ftou

If the water values are higher than our advice, the final result of glass cleaning can be compromised. If necessary, on request, we can provide the equipment for water cleaning.