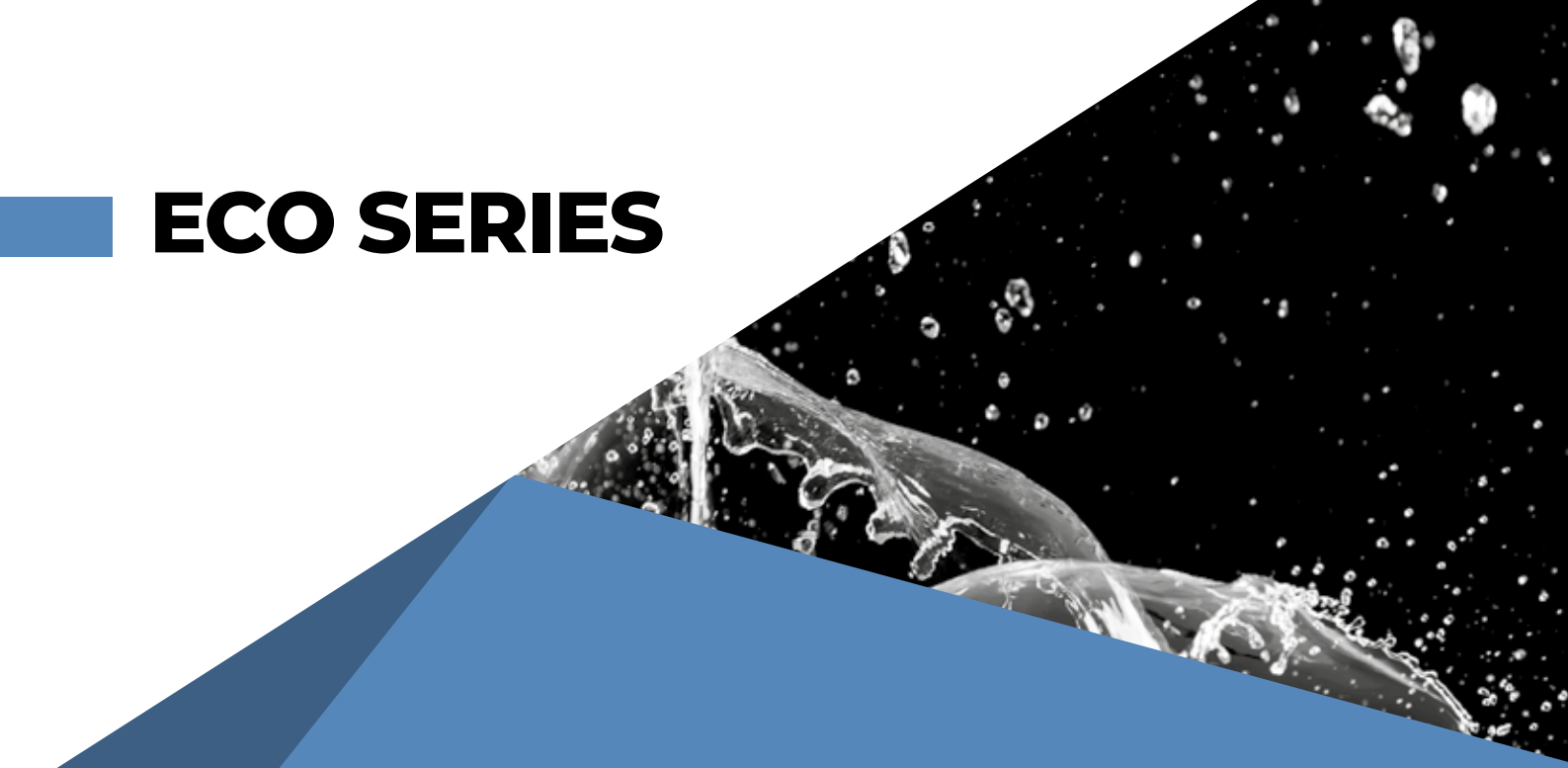
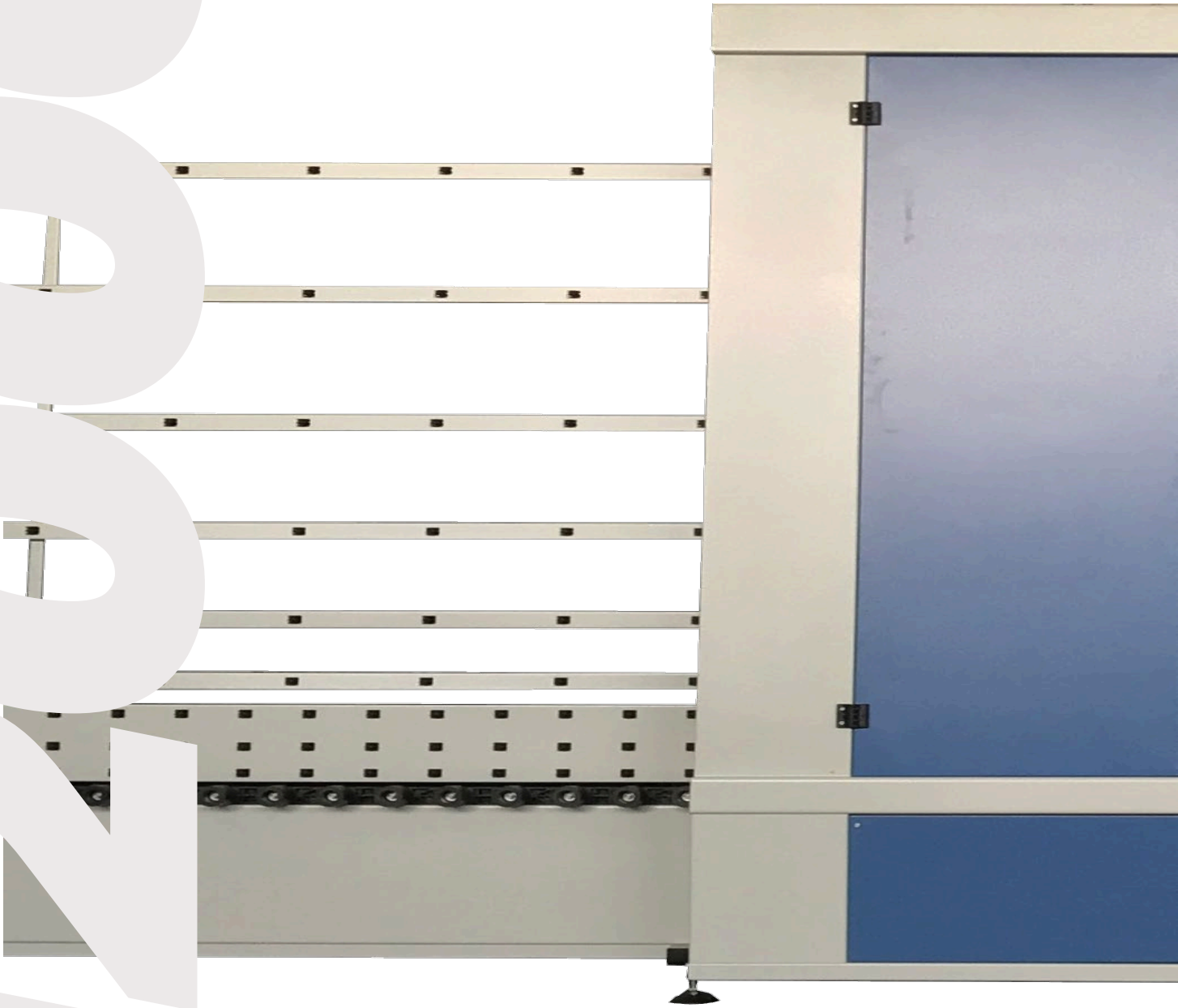
ECO SERIES



M2000E

VERTICAL WASHING MACHINE
FROM 2000 OPEN TOP
4 BRUSHES
MOTORIZED OUTPUT

EMAR
GLASS



M2000E

Mod. **M2000E**

ECONOMIC VERTICAL WASHING MACHINE
FROM 2000 OPEN TOP / 4 BRUSHES / MOTORIZED EXIT

- Machine composed of an inlet with 2.000 mm idle Vulkollan rollers and a 2.000 mm motorized outlet with cut-resistant, accident-proof Vulkollan rollers and lights for inspecting the glass with safety limit switches.
- 1.540 mm machine body with opening on the top side. Powder coated steel structure for greater resistance to corrosion. Washing unit with four 80 mm nylon cylindrical brushes (two front and two rear).
- Two stainless steel water recycling tanks with two pumps.
- Rinsing unit with possibility of connection to the demineralizer.
- Thermal protection of motors and low voltage control circuit.
- Two-blower drying system with high-pressure fan.
- All controls in contact with the operator are in low safety voltage.
- Protection against access to dangerous parts of the machine according to European regulations.

EMAR GLASS

M200E

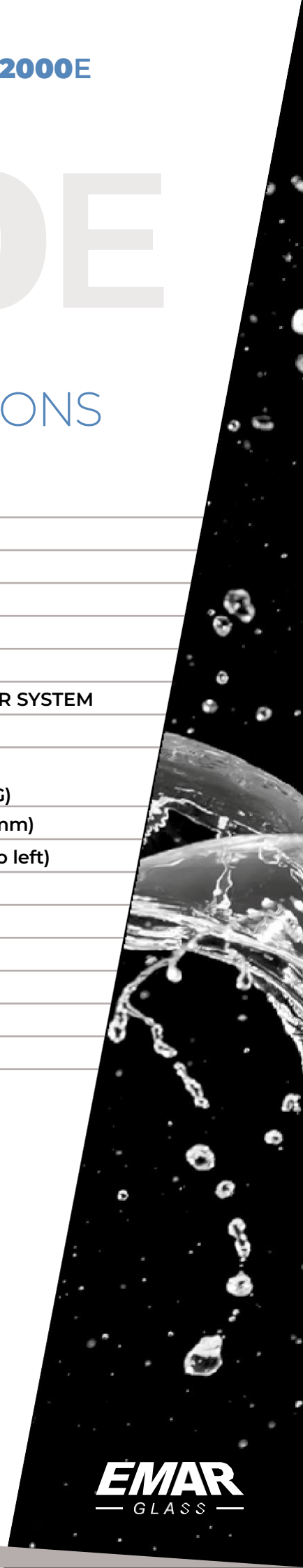
TECNICAL SPECIFICATIONS

Power supply	**400 Vac 3-phase + Neutral 50 Hz**
Power consumption	**7 kW 400 Vac 50 Hz**
Fan motor	**4 kW 400 Vac 3-phase 50 Hz**
Hot water resistance	**1.5 Kw 400 Vac 3-phase 50 Hz**
Washing brushes	**4 standard (optional LOW-E)**
Washing areas	**2 separate zones with ECO WATER SYSTEM**
Washable glass measurements	**Min. 300 x 250 h mm circa** **Max 2000 x 2000 h (TOP OPENING)**
Washable thickness	**Da 3 a 14 mm (optional fino a 20mm)**
Work direction	**From left to right (optional right to left)**
Work speed	**4 m/min**
Work surface	**550 mm approx**
Height	**2.800 mm approx**
Length	**7.000 mm approx**
Width	**1000 mm approx**
Weight	**1.050 kg approx**

We recommend that water supplied to the washing machine has the following characteristics:

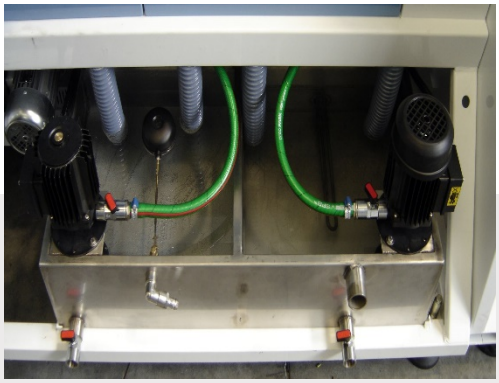
Conductivity	= less than 10 uS (microSiemens)
Total hardness	= less than 5° f (French degrees)
Salt content	= less than 5 mg/L
Chlorides	= less than 5 mg/L
Iron	= less than 0,05 ppm
Turbidity	= less than 0,5 ftu

NB. If the water values are higher than those recommended, the glass washing results may be compromised. Upon request we can provide equipment for cleaning the water.



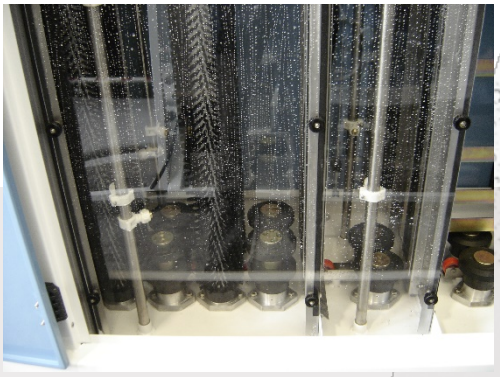
EMAR GLASS

M2000E



WATER RECOVERY

Water is a precious resource - the washing system is designed for a double reuse of water, avoiding unnecessary waste while maintaining optimal quality at the end of the process.



LONG-LASTING

Attention to durability over time is synonymous with quality - All parts of the machine in contact with water are made of powder-coated stainless steel, brush supports and tows in aluminium, pipes in stainless steel, and brass spray nozzles.

EMAR GLASS

M200E

SAFE TRANSPORTATION

The safety of the operator is fundamental, but the glass must be moved for processing. The system adopted allows the glass to be blocked at any time with the rollers moving. All this thanks to an innovative type of transportation.

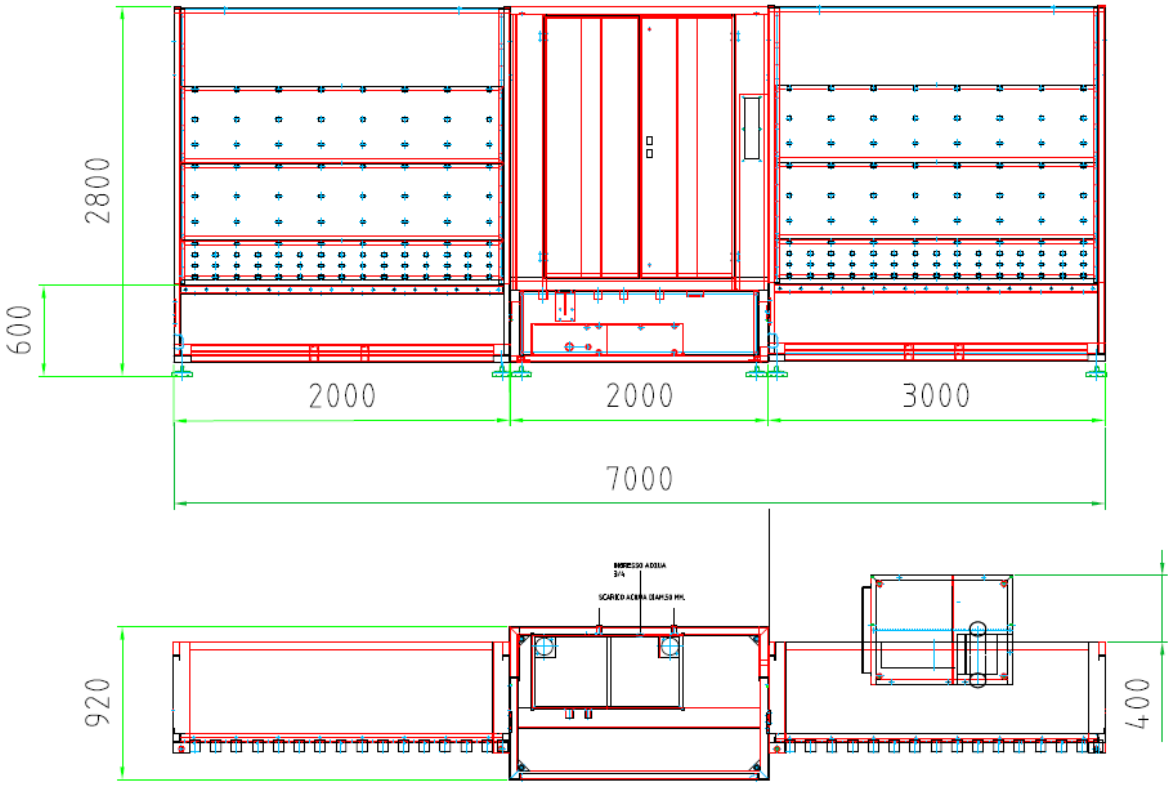
EASY MAINTENANCE

Thanks to the type of construction, maintenance and cleaning are convenient, easy and quick.

EMAR GLASS

M2000E

LAYOUT



EMAR GLASS

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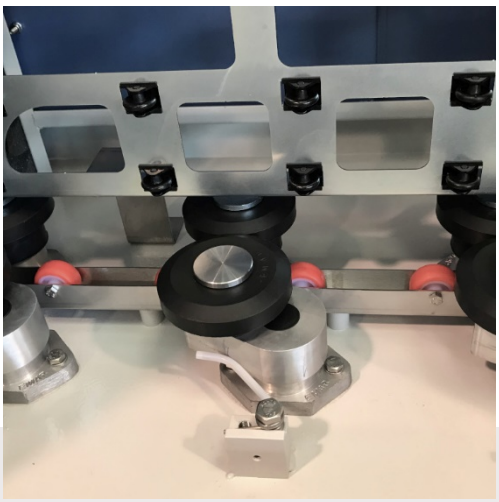
OPTIONALS



THICKNESSES UP TO 20 mm

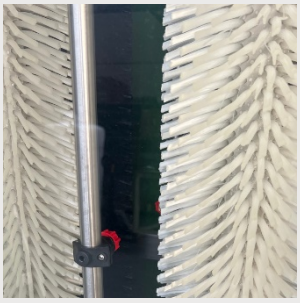
Thanks to the self-aligning opening system it is possible to process glass thicknesses from 3 to 20 mm completely automatically.

FAN BOX

The box for the fan allows a notable reduction in noise and, via a filter, guarantees excellent air quality free of impurities.

MOTORIZED ENTRY

The automation of the entrance guarantees safe movement of the glass in a completely autonomous manner.



LOW E BRUSHES

These type of brushes use special bristles that allow you to work with more delicate glass. They are complete components with a stainless-steel shaft.

La EMAR s.r.l. si riserva il diritto di modificare quanto contenuto nel catalogo, in qualsiasi momento.

EMAR GLASS

ALTEREGO CREATIVE

EMAR
GLASS

GLASS WORKING EQUIPMENT

www.emarglass.it

EMAR GROUP

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