



MACISTE

Reliable Glazing Strength

MACISTE IS AN AUTOMATIC AIRLESS PUMP for application on tiles of all suspended abrasive products such as glazes, engobes and crystalline.

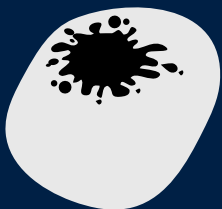
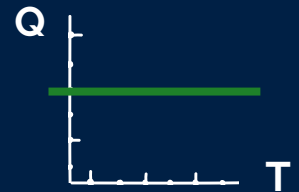


3 pistons system instead of oleodynamic system: stable and steady pressure all day long.

1

2

Uniform glaze on tiles: improved production quality.



No oil under pressure: no membrane breakage, no oil contaminating the glaze, no waste and most important, no production losses.

3

4

Very easy to use: reduced learning time for users!



Alarm system signaling necessary interventions (blocked nozzle or hose and pressure variations): your staff will have more time to perform other tasks!

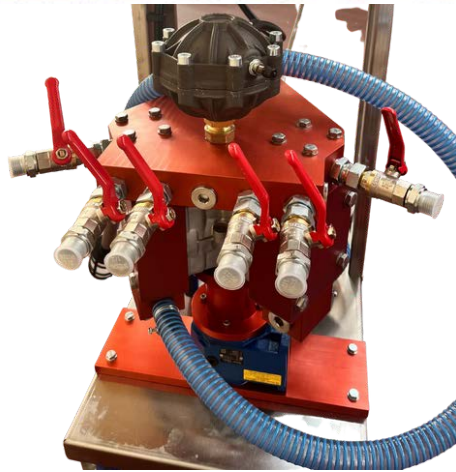
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6

Self-cleaning system: push a button and an automatic system will clean the machine's internal circuit.



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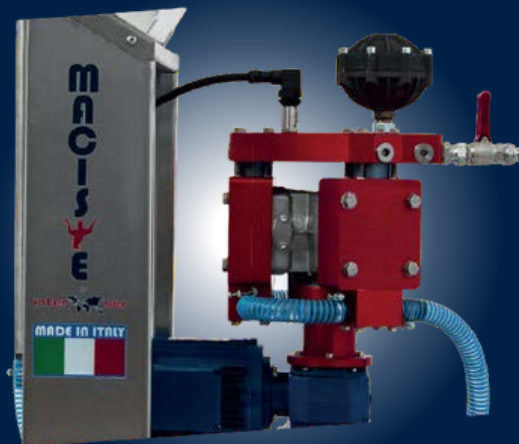


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Technical description:

The machine has an electric motor coupled with a diaphragm pump. The diaphragms are mechanically moved by a system consisting of three pistons positioned at 120° with each other. This solution, compared to the other pumps using oleodynamic system with hot oil in pressure, offers a more stable spray fan and a constant pressure all day long. Furthermore the distribution of the glaze on the tiles is more uniform and allows reaching a higher level of production quality.

Pumps using oleodynamic system frequently face membrane rupture and the leak of hot oil pollutes the glaze. This affects both the production (since the glaze is damaged) and your finances (since you have to replace the membranes).



Our pump instead doesn't use an oleodynamic system that can create this sort of problems and, due to its work principle, all the costs are minimized avoiding the continuous replacement of membranes! **Maciste pump doesn't need maintenance and this helps you save a lot of money.**



ACCORDING TO OUR TESTS AND CUSTOMERS, MACISTE PUMP CAN WORK FOR ALMOST TWO YEARS WITHOUT ANY MAINTENANCE.

Maciste pump has an **alarm system** that warns the user if any problem occurs (for example if the nozzle is blocked, the hose is broken or the pressure changes).

This system allows the user to work in other parts of the glazing line. In case a problem occurs, the pump activates its sound and light alarm.

The pump operation is run by an electrical panel with a user friendly console that can be managed easily by the operator.

The pump is provided with a **self cleaning system** activated by a simple push button.

ASSOCIATO



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