

RELIABLE GLAZING STRENGTH



Technical Features

*Min. Pressure: 2 Bars with 1 Single nozzle
Max Pressure: 25 Bars
Ready to work with 4 or 6 nozzles
Capacity up to 30 L/min
Manual or automatic flow control mode
Self-priming pump
Frame in stainless steel AISI 304
Stainless Hose with filter*



- ✓ **3 pistons system** instead of oleodynamic system: stable and steady pressure all day long
- ✓ **Uniform glaze on tiles:** improved production quality
- ✓ **No hot oil under pressure:** no membrane breakage, no hot oil contaminating the glaze and consequently **NO MAINTENANCE COSTS!**
- ✓ **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!
- ✓ **Self-cleaning system:** push a button and an automatic system will clean the machine's internal circuit
- ✓ **Only 0.75 kw engine:** energy saving!

**READY FOR YOUR BUSINESS
LIKE NO OTHER**

MACISYE

Reliable glazing strength

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

Maciste maintains accurate and constant pressure and works without pulsations.

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 quality production.

Pumps using oleodynamic system frequently face membrane break and the leak of hot oil pollutes the glaze. This affects 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.

Moreover, 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 part of the factory since in case a problem occurs, the pump activates its sound alarms.

The pump operation is run by an electrical panel with a very user friendly PLC that can be managed easily by the end user. This means that the pump it's very easy to use!

The pump is provided with a self cleaning system. At the end of the day the user can clean the machine by placing the hose in a tank with water: just push a button and the pump cleans itself automatically. The pump uses only a motor with a power of 0.75Kw and this allows great energy saving.



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