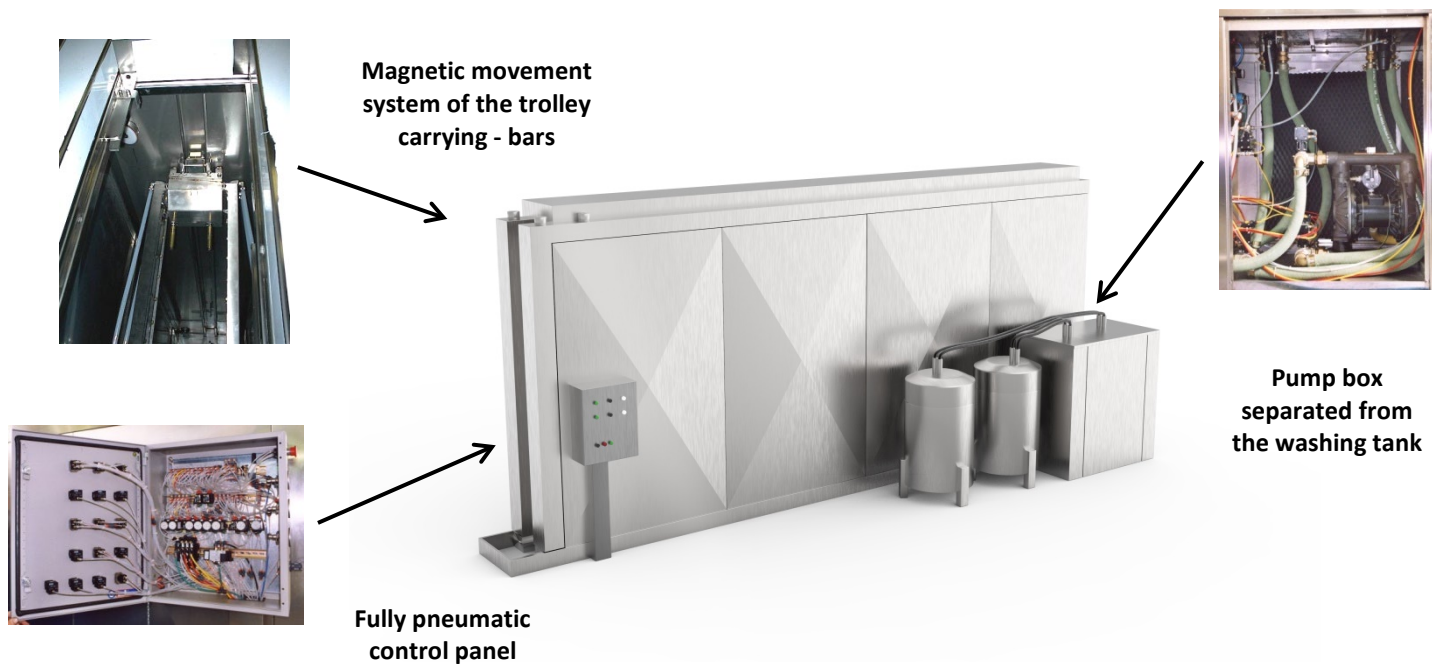


**SPECIFIC WASHING TUNNEL FOR
WASHING CLICHE' OR SCREEN PRINTING
FRAMES SERIES "POLARIS"**



Our "POLARIS" model washing tunnel has been specifically designed for washing clichés or screen printing frames and can be used both with solvent and with water as it is completely pneumatic.



MAIN FEATURES

- Fully pneumatic on-board control panel machine with automatic washing, rinsing and blowing functions according to the version chosen by the customer.
- Management of washing and rinsing fluids completely in a closed and hermetic circuit.
- Average duration of complete cycle - 30 minutes.
- The supplied tanks according to the configuration chosen by the customer (washing / blowing - washing / rinsing / blowing) are made of stainless steel with a conical bottom for a better emptying and cleaning and have a capacity of 200 liters.
- Loading / unloading device formed by no.01 pneumatic pump, no. 01 transfer gun and no.01 suction tube for filling and emptying the supplied tanks in semi-automatic mode, this system avoids the operator having to transfer fluids.
- Filtering inside each tank provided on the bottom made up of no.02 500 micron stainless steel filters.
- Mobile washing ring, with alternating movement, on which the washing / rinsing and blowing nozzles are positioned. The continuous translation of this trolley allows total washing coverage.
- Special nozzles for obtaining the maximum chemical / mechanical cleaning effect.
- Partially extractable trolley includes different positioners depending on the version:
- Magnetic hooks for positioning the clichés
- Grid for positioning the screen printing frames
- Soundproof pump box for housing the double diaphragm pneumatic pump, valve groups for the management of circulating fluids, pneumatic components, vacuum units and related filters.
- Prepared for connection to your suction system, no. 01 rear fireplace and no. 02 door side bars to ensure the aspiration of any residual vapors when opening the door and extracting the trolley.
- **Safety** sensor for door opening. Opening the door during the washing cycle causes the immediate suspension of the cycle in progress.
- **Safety** depression valve to avoid the onset of vacuum inside the washing tank.
- Completely in Aisi 304 stainless steel.

MODELS WE OFFER

- Functions: Washing / Rinsing - Washing / Rinsing / Blowing
- Useful washing dimensions: 1400x1200 mm
2000x1500 mm
2500x2000 mm
Other dimensions according to customer specifications

POLARIS 1400x1200

STANDARD FEATURES

| <i>Control panel functions</i> | <i>Washing / Blowing</i> | <i>Washing / Rinsing / Blowing</i> |
|--|--------------------------|------------------------------------|
| <i>Tanks supplied</i> | No. 01 | No. 02 |
| <i>Tank capacity</i> | 200 lt | 200 lt |
| <i>Average full cycle duration</i> | 20 min | 25 min |
| <i>Compressed air consumption at 6 bar</i> | 800 lt/min | 800 lt/min |
| <i>Recommended aspiration</i> | 1000 mc/ora | 1000 mc/ora |
| <i>Useful washing dimensions</i> | 1400 x 1200 mm | 1400 x 1200 mm |

POLARIS 2000x1500

STANDARD FEATURES

| <i>Control panel functions</i> | <i>Washing / Blowing</i> | <i>Washing / Rinsing / Blowing</i> |
|--|--------------------------|------------------------------------|
| <i>Tanks supplied</i> | No. 01 | No. 02 |
| <i>Tank capacity</i> | 200 lt | 200 lt |
| <i>Average full cycle duration</i> | 20 min | 25 min |
| <i>Compressed air consumption at 6 bar</i> | 1000 lt/min | 1000 lt/min |
| <i>Recommended aspiration</i> | 1500 mc/ora | 1500 mc/ora |
| <i>Useful washing dimensions</i> | 2000 x 1500 mm | 2000 x 1500 mm |

POLARIS 2500x2000

CARATTERISTICHE STANDARD

| <i>Control panel functions</i> | <i>Washing / Blowing</i> | <i>Washing / Rinsing / Blowing</i> |
|--|--------------------------|------------------------------------|
| <i>Tanks supplied</i> | No. 01 | No. 02 |
| <i>Tank capacity</i> | 200 lt | 200 lt |
| <i>Average full cycle duration</i> | 20 min | 25 min |
| <i>Compressed air consumption at 6 bar</i> | 1000 lt/min | 1000 lt/min |
| <i>Recommended aspiration</i> | 2000 mc/ora | 2000 mc/ora |
| <i>Useful washing dimensions</i> | 2500 x 2000 mm | 2500 x 2000 mm |

OPTIONAL

CLICHE version

FRAMES version

| | |
|---|--|
| Additional trolley includes positioners with magnetic hooks for cliché. Useful for loading the clichés next to the printing machine and transporting them to the washing tunnel. | / |
| <ul style="list-style-type: none"> - Vapor abatement and cliché drying system. - The system is designed to allow pre-heated air to be introduced into the washing tank, through dedicated air blades. - This application allows to remove the residual particles of solvent from the parts being washed. - It then passes through a condensation and recovery circuit in order to obtain the condensed solvent separately. - Closed loop process. - The result is partial or total drying (depending on the type of solvent used) of the parts. | <ul style="list-style-type: none"> - Vapor abatement and drying frame system. - The system is designed to allow pre-heated air to be introduced into the washing tank, through dedicated air blades. - This application allows to remove the residual particles of solvent from the parts being washed. - It then passes through a condensation and recovery circuit in order to obtain the condensed solvent separately. - Closed loop process. - The result is partial or total drying (depending on the type of solvent used) of the parts. |