

Series WM 8000 from Romaco Macofar

The Romaco Macofar WM 8000 series of automatic washing machine operates on the intermittent motion principle. High performance and flexibility are the underlying features of this balcony-design machine. The high performance transport system ensures precise and smooth handling of cylindrical containers including those of unstable design. Flexible, programmable washing cycles enable a thorough cleaning process that is easy to validate. WM washing machines can be easily integrated into a variety of production lines, such as Romaco Macofar aseptic filling lines for powders and liquids.

Transport grippers

Romaco Macofar washing machines handle both vials and ampoules through a special system of universal transport grippers, which ensure delicate but efficient holding of difficult containers. This transport system does not require any size changeover parts, even for different diameters of both vials and ampoules.



Highlights

- Special external jet nozzles
- External nozzles move downwards to wash the whole external surface of the containers
- Co-axial inner jet nozzles (patented)
- Pre-washing through ultrasonic bath, whose tank is integrated into the machine structure
- Automatic elimination of possible lay-down containers (90°) in the infeed
- Automatic trapping of reversed containers (180°) in the infeed
- Physical separation of each row of vials before the lifting phase to washing cycle
- Optional siliconization of containers at the end of cycle
- All water tanks can be integrated into the machine frame. All pumps, filters, piping mechanic components are located on the back of the machine, easily accessible through transparent guards
- Positive, guided discharged of containers either onto tray or directly to tunnel infeed conveyor
- Universal transport gripper system for both vials and ampoules
- Balcony design

Technical Data	8200	8300	8400/16	8400/8
Cleaning Stations	9			
Containers per row	8	12	16	8
Max. output/hour	12,000	18,000	24,000	12,000
Container diameter, in mm	15 – 52	15 – 32	15 – 25.4	15 – 52
Container height, in mm	35 – 150			
Container height (with ultrasonic tank), in mm	35 – 120			
Distilled water pressure, in bar	2.5			
Air Pressure, in bar	5			
Rated power, in kW	15			
Rated power (with ultrasonic tank), in kW	22			
Machine weight, in kg	2,400			

