

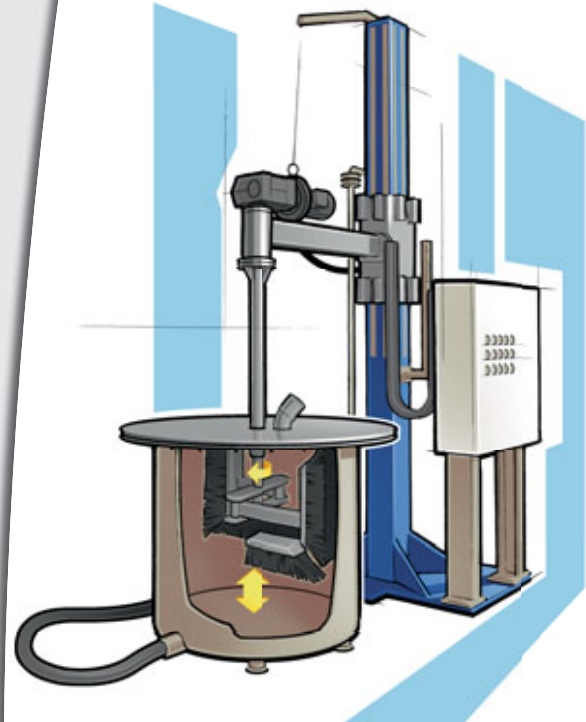
# RIO-VsmarT

## Components

- Compact, robust and user-friendly washing machine for inside cleaning of metal containers by brushes and simultaneous spraying with solvent.
- Conductive brushes with type examination according to ATEX → no nitrogen inerting required.
- Very good inside cleaning of cylindrical containers with a centrifugal folding brush.
- Spraying system for washing with circulated solvent and rinsing with clean solvent.
- The brush is lowered into the container, and the container opening closed, by a lid fastened to an outrigger that is guided along the machine pillar.
- The outrigger is lifted and lowered by a pneumatic cylinder.
- An automatic position control ensures that solvent can only be sprayed in the container if the lid is closed.
- Dirt-resistant diaphragm pump, used as washing and rinsing pump, separate recirculation pump.
- Flow monitor; the brush does not start rotating until the solvent has been injected.
- Automatic washing program: washing – draining – rinsing – ventilating and brush rotation.
- Program steps can be selected individually.
- Pneumatic control cabinet with explosion protection at the machine
- Explosion protection according to ATEX, category 1 (with type examination) for zone 0 inside, category 2 for zone 1 outside

## Accessories

- Fixed inclination of the machine (with a tilted base plate provided by the customer or with a pneumatic tilting floor).
- Manual clamping device, alternatively pneumatic version.
- Internal air extraction system for the container, with or without ventilation.
- Selector switch for washing and rinsing.
- The solvent supply system can either be provided by the customer or supplied by Renzmann.
- Solvent concentration measuring and regulating system for connection to an exhaust air cleaning system



Washing machine type RIO-VsmarT	Size 1	Size 2
Container Ø (inside)	600 – 1350 mm	750 – 1500 mm
Max. container Ø (outside)	1400 mm	1550 mm
Container height (inside)	700 – 1350 mm	700 – 1350 mm
max. total height	max. 1500 mm	max. 1500 mm
Capacity washing pump	3 bars, 4 m³/h	3 bars, 4 m³/h
	<b>W x H x D</b>	<b>W x H x D</b>
Dimensions mm	1800 x 2750 x 3935	1800 x 2750 x 3935
Required space mm	2600 x 4000 x 4000	2600 x 4000 x 4000
Transport clearance mm	4500 x 2100 x 2930	4500 x 2100 x 2930

