

Automatic washing system for conveyor belts and mobile systems

10.1



Robotina 2000 is an equipment that perfectly and fully automatically solves the cleaning of any rotating table, conveyor belt or any other moving system.

Robottina 2000 is available both in the motorized version with Inverter and in the pneumatic version.

The **electric version** includes motor control through an **inverter** and the stroke is managed by proximity sensors.

The **pneumatic version** works with compressed air and thanks to the absence of electrical parts it is extremely reliable and safe in all places where it is not possible to use electricity.

For operation it is sufficient to connect the washing head to a medium pressure water pumping system.

Robottina 2000 is installed directly on the top of the rotating table structure quickly and when it is in operation it thus replaces the operator, relieving him from repetitive, long and tedious operations, always and surgically cleaning the surface of the belt.

The nozzle holder trolley used for washing runs at a speed of over 1 m/s and guarantees a cleaning effect on the noticeable dirty surface, with a reduced water consumption compared to the classic fixed bars which, by engaging a lot of nozzles, lead to a consumption of water. not very rational.

Available configurations

CODE	MODEL DESCRIPTION	COVERAGE (mm)	SLIDING SPEED	POWER (W)	TENSIONE (Volt)	VOLTAGE (kg)	PEDESTAL DIMENSIONS (LxHxP) mm
10.5480.00	Motorized	1000	Adjustable	220	230	30	1300 x 1120 x 470
10.5990.00	Pneumatic	1000	Adjustable	-	-	30	1300 x 1120 x 470

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Technical features

(Electric Version)

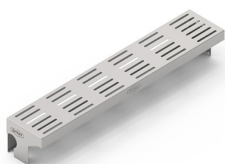
- Low voltage controls
- Cleaning of any belt up to 100 cm wide (Different widths on request)
- IP65 watertight electrical panel
- 230 volt electric motor with very low consumption - only 0,18 kW
- Adjustment of the sliding speed of the nozzle holder carriage
- Soft and silent functioning
- Support bracket in stainless steel
- N. 1 nozzle to ensure maximum cleaning without engaging an operator
- Possibility of using several additional or rotating nozzles (Optional)
- Control inverter inserted in the electrical panel to adjust the sliding speed
- Connection by means of a stainless steel quick coupling with any high or medium pressure hose

Technical features

(Pneumatic version)

- Cleaning of any belt up to 100 cm wide (Different widths on request)
- Compressed air movement
- Adjustment of the sliding speed of the nozzle holder carriage
- Soft and silent functioning
- Support bracket in stainless steel
- N. 1 nozzle to ensure maximum cleaning without engaging an operator
- Possibility of using several additional or rotating nozzles (Optional)
- Connection by means of a stainless steel quick coupling with any high or medium pressure hose
- Easy adjustment of the useful stroke through pneumatic switches

Optional accessories



S/S protection cover
Cod. 20.2362.06



S/S pedestal
Cod. 10.1458.00