

BETTER SOLUTIONS ARE THE RESULT OF CONVINCING DETAILS.



RCC Brush

Air cap cleaning unit for robot application



The air cap cleaning unit RCC Brush is operated as part of a fully automated robot painting installation. It is driven pneumatically and controlled by a solenoid valve.

The air cap cleaning unit RCC Brush consists in general of a pneumatically driven brush which is located within a tray filled with cleaning material. The special designed lid prevents the oscillation of the flushing material.

Cleaning of the air caps is achieved by moving the gun along the brush axis at with simultaneous 180° oscillating movement of the brush.

Features

- System-unit cover complete of stainless steel with smooth surface
- Brush from robust polyamide with fast changing device
- Protected robust pneumatic drive
- Drain ball valve
- Blowing ring for cleaning of outer areas of the air cap
- Approved for the use in explosive-proof areas of zone 1 and 2

Function

- Robot gives signal for brush oscillation
- Brush is moistened with cleaning material
- Painting pistol proceeds robot over brush
- Duration of cleaning cycle: approx. 5 seconds

Options

- Rigid floor mounting support
- Version for wall mounting
- Version with pneumatic lid volatile solvents and for clean bushes; with end position monitoring



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Technical Data

RCC Brush – Air Cap Cleaning Unit

Max. operating pressure:	8 bar
Max. environment temperature:	40°C
Air supply brush drive:	approx. 0,22 l/stroke
Air supply blowing ring:	approx. 150 l/min. at 8 bar; hose NW6, 10 m long approx. 125 l/min. at 6 bar; hose NW6, 10 m long
Weight:	approx. 8 kg
Parts in contact with material	roller brush basic body: fibreglass reinforced plastic roller brush bristles: polyamide roller brush bracketing: stainless steel
Flange:	aluminium
Storage tank:	stainless steel
Slide bush:	POM
Radial rotary shaft seal:	PTFE
Screws:	stainless steel



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