

Surface Cleaner SHC 3000

Z 70-5 e

Automatic Surface Cleaner, pneumatically driven

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Applications

The machine, developed specifically for a wide range of applications in the steel industry, offshore and in shipyards, has proved to be an excellent choice for cleaning the outer surfaces of tanks, vessels, steel structures and ship hulls.

Technical data

• Part No.	7014002
• Maximum flow	40 l/min
• Maximum operating pressure	3000 bar
• Working width (diameter)	250 mm
• Width of housing (diameter)	300 mm
• Width of housing	700 mm
• Medium	water
• Max. temperature of medium	50° C
• High pressure fitting	M 14x1.5 LH
• Weight	approx. 90 kg
• Number of nozzles	max. 8
• Suitable nozzle inserts	Form 0965
• Air consumption required (filtered and oiled air)	25 l/s
• Filtration	5 µm
• Min. air pressure required	6 bar
• Stepless speed adjustment (depending on the surface to be cleaned)	0-4 m / min
• Control voltage	24 V



Assembly

Surrounded by a robust aluminium frame, the SHC 3000 cleans successfully in both horizontal and vertical positions. Built-in magnets ensure that the SHC 3000 keeps a firm grip on the steel surface to be cleaned.

To permit cleaning in tight spaces, the complete swivel unit can easily be separated from the aluminium frame and used on its own.

The heart of the system is a pneumatically-driven swivel joint which activates the nozzle arms in the housing and sets them in rotation. The rotational speed of the in-built air motor is steplessly adjustable to achieve optimum cleaning efficiency.

Welded seams and uneven surfaces on the object to be cleaned do not pose any problem for the SHC 3000. An additional feature is the possibility to fit an external vacuum device to the housing to allow for removal of debris by suction.

The pressure can be switched on and off via a remote-control console and the speed and direction of the SHC 3000 can also be regulated steplessly.

As an additional safeguard to prevent the machine from slipping off the surface, there is an attachment on the frame for connecting a steel rope.

Optional

Safety Guard consisting of 25 m wire rope

Part No. 7013586

