



Performance Under Pressure



Surface Cleaner SHC 3000

Automatic Surface Cleaner, pneumatically driven

RUGGED CONSTRUCTION - HIGH CAPACITY

COMPACT - EASE OF MAINTENANCE

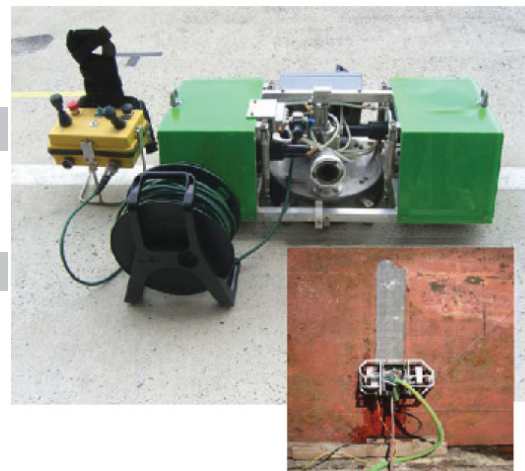
LARGER CLEANER AREA - POWERFUL DRIVE UNIT

Applications

Developed for a wide range of steel cleaning applications. It has proven to be an excellent choice for cleaning the surfaces of a variety of steel structures such as, tanks, vessels and ships hulls.

Technical Data

Part No.:	7018909
Max. Flow.:	10.6 GPM (40 L/min)
Max. Pressure:	43,500 PSI (3000 bar)
Cleaning width (dia):	11.8" to 13.8" (300-350 mm)
Swivel Unit Diameter:	18.1" (460 mm)
Length of unit:	37" (940 mm)
Medium used:	Water
Maximum Temperature:	122 °F (50 °C)
High Pressure Fitting:	M14 x 1.5 LH
Weight:	Approx. 143 lbs (65 kg)
Minimum Air Pressure Required:	87 PSI (6 bar)
Cleaning Speed:	0 to 14.8 ft/min (0-4.5 m/min)
(Dependent upon surface to be cleaned)	
Air Flow Required:	25 l/s
Filtration:	5 microns
Number of Nozzles:	Max. 12
Type of Nozzle Inserts:	Form 0964
Control Voltage (Std.):	24 VDC



Construction

Surrounded by a sturdy aluminum frame, the SHC 3000 cleans successfully in both the horizontal and vertical positions. Built-in magnets ensure that the SHC 3000 keeps a firm grip on the steel surface being cleaned. To allow for cleaning in tight spaces, the swivel unit can be easily separated from the aluminum frame.

The core of the system is a pneumatically-driven swivel joint which activates the nozzle arms in the housing and sets them in rotation. The speed of the built-in 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 ability to fit a vacuum device to the unit which allows for the removal of debris by suction.

The SHC 3000 can be operated via a remote control console. Pressure can be switched on and off and the speed and direction of the unit 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 steel cables.

Optional	Part No.
Safety guard: Reel with 82 ft (25 m) of cable	7013586
External power supply - Power Pack, 230 VAC / 24 VDC with 16 ft (5 m) cable and plug	7019756
Cable reel with 164 ft (50 m) cable for power supply to the remote control console	7008272
Cable reel with 164 ft. (50 m) for SHC 3000 to remote control console	7019719
Adapter with 164 ft. (50 m) for cable extension SCH 3000 to the remote control console	7020962

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