

QLEEN

PURE WATER CLEANING SYSTEMS

User Manual of Rotaqleen Vario

In conjunction with a power supply 230V / 24V



*ROTAQLEEN Vario - with a continuous brush
of 500 mm / 750 mm width, concise steerability
and simultaneously usable water nozzles (fore + behind)
it allows an even faster and more comfortable
cleaning of glass surfaces, facades and solar modules.
Fore- and reverse running, remote control and a moveable joint
allows a simple way of work. Works with 24 Volt.*

1.0 Mounting of Rotaqleen with poles

1.1 The Rotaqleen can be moved to left and right with the internal joint by hand. Before you mount it, you have to pull the splint pin on the joint.

1.2 You have to unroll as much cable as you need from the cable drum of the Rotaqleen.

1.3 Connect the Rotaqleen with the supreme pole and connect it with the Water- and Power Connection. **Attention!** Be sure that the blue hose for the pure water is connected with the motor, **danger of overheating!** Secure the cables and hoses with the Velcro tapes on the poles. Make absolutely sure that the poles are secured by thumbscrews. It's advisable to settle the Rotaqleen on the cleaning surface as early as possible, because of the high weight of the Rotaqleen. Then you could continue to connect the remaining poles.

2.0 Startup operations with the power supply 230/24V

2.1 Put the power plug in the 230 V socket. The white LED lamp lights if the power supply is correct.

2.2 Connect the cable drum of the Rotaqleen with the socket of the Rotaqleen.

2.3 Choose if you want to use the machine with remote control or by hand.

Put the main switch on the wanted running direction of the Rotaqleen. In manual operation the ROTAQLEEN will start immediately and the power LED lights up green. If you use the remote control push the Button "I" on the remote control to start the machine. The Rotaqleen starts to rotate and the power LED lights up green. To turn the Rotaqleen off, you have to push the Button "O" on the remote control.

The Buttons „water“ and „chemistry“ were used to control the Profi-Qleen Machine after the remote control was registered on the machine.

3.0 The cleaning process at an open space PV system, for example

3.1 You have to start cleaning on the top of the surface, so that the dirt is always under the Rotaqleen and can be washed away from the water. With simple hand moves at the pole, you can turn the Rotaqleen to the left or to the right side

3.2 If the surface is extremely dirty, you might have to move several times over the surface.

4.0 Finishing the work

4.1 After finishing work you have to follow step 1.0 to 2.3 in reverse order.

4.2 Clean the Rotaqleen from rough dirt and control it for damage. Store the Rotaqleen dry and with so much space that the brush cannot be deformed by its own weight.

EC declaration of conformity



Directive 2006/95/EG (low voltage)
Directive 2006/42/E (machine)

The documents authorized person is:

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Manufacturer:

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hereby declares that the following products / devices match the regulations of the above mentioned directives including their amendments in force at the time of declaration.

- **ROTAQLEEN in different versions**

The following harmonized standards have been applied:

EN 55014-1, EN 55014-2, EN 55022, EN 50081-1, EN 50082-2, EN 61000-3-2,
EN 61000-3-3, EN 60950-1:2006-A11+A1+A12, EN 301489-1:V1.9.2, EN 301489-3, EN
300220-2:V2.4.1, EN 61204-3:2000

Neustrelitz, 01.05.2014

H.J. Supthut
Executive Director

Karlhans Lehmann KG
Kranichstraße 2a
17235 NEUSTRELITZ

Variant: _____

Serial-no.: _____

Year of build: _____

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