



underwater
cleaning
technology

VR-600

For cleaning drinking water reservoirs and water tower

Traditional cleaning processes meant that water towers and drinking water reservoirs had to be emptied and manually cleaned or divers to be sent down.

Emptying a reservoir is time consuming and the cleaning is labor intensive. Sending divers down in drinking water also entails a risk for contaminating the water.

When we developed the VR – 600 our ambition was to design a robot that could clean effectively without having to shut down the reservoir and without sending personnel down into the reservoir.

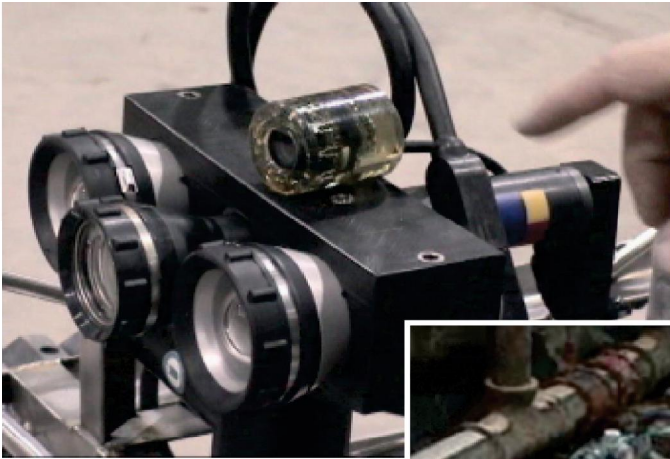
Description

The VR – 600 is remote controlled and equipped with rotating brushes and a powerful pump that directly pumps out all loosened sediment – without raising the turbidity in the reservoir. The robot is also equipped with a video camera and light that facilitates operation inside the reservoir.

The entire cleaning or inspection process is documented on CD, DVD, and Digital. It allows the operator to have an excellent view of the inside of the reservoir. The system can also pinpoint the position of structural problems inside the reservoir. The operators have also full control remotely of the robot to have the right speed to avoid creating turbidity.



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Technical Specifications VR-600

Length x width x height	735 x 595 x 400 mm
Weight in air	82 kg
Weight in water	67 kg
Suction width	600 mm
Max Suction Capacity	1200 l/min
Max Depth	25 m
Pump motor	400 VAC, 3phase, 50/60 Hz
Power rating	2, 3 KW
Drive motor	230 VAC, 3 phase, 50/60Hz
Power rating	0, 2 KW
Magnetic couplings	42 VDC, 0, 6 Amp.

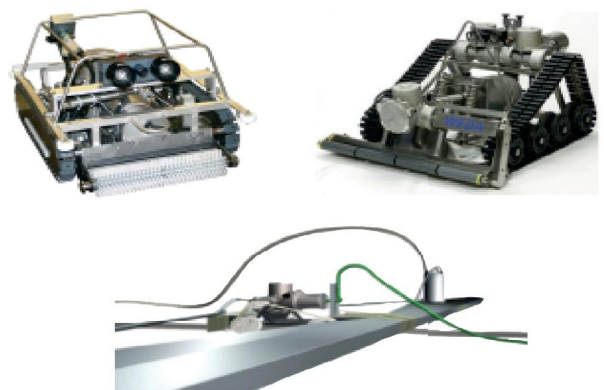
VR 600 cleaner with pan / tilt camera and lights, 20 meter umbilical jumper cable, 2 x 40m umbilical (floating cable) control and remote control.

Options

Remote controlled rotating brushes.
Ladder with winch. Reel for floating cable / discharge hose. Floating cable (umbilical) 40 meters complete Cam lock hose connector.

Our business - underwater cleaning technology

WEDA offers a wide range of cleaners for small and large drinking water reservoirs, various types of filters and sedimentation basins. WEDA, formed in 1919, is a Swedish company with headquarters in the town of Södertälje, south of Stockholm. WEDA products are available worldwide through a global network of distributors and Weda subsidiaries in the US and Germany .



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