

# Products for wastewater treatment plants, industry and **water works**

We offer several different surface-cleaning solutions customized to slow filters, sedimentation basins, water towers and other types of basins and reservoirs. Our products are developed in close collaboration with our customers.



## VR-600 / CS-600

For cleaning water reservoirs and water towers

### VR-600

Traditional cleaning processes meant that water towers and drinking-water reservoirs had to be emptied and manually cleaned or divers sent down. In both options, the reservoir has to be taken offline, which can lead to major disruptions in the main supply system.

Emptying a reservoir is time consuming and 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 vehicle that could clean effectively without having to shut down the reservoir and without sending personnel down into the reservoir.

The VR-600 is remote controlled and equipped with rotating brushes and a powerful pump that directly pumps out all loosened sediment – without raising turbidity in the reservoir.

The VR-600 is equipped with a video camera that facilitates inspection of the inside of the reservoir. The entire cleaning process is documented and the customer receives both a videotape and a written report.

#### Dimensions (L x W x H):

735 x 595 x 400 mm,

**Pump capacity** 70 m<sup>3</sup>/h.

**Speed:** Variable from 0.5 to 10 m/min depending on sediment depth.

**Power consumption** 3 kW

**Other:** Pan and tilt high-resolution video camera. Remote operation with variable brush speeds.

### CS-600

The CS-600 is a smaller, simpler vehicle than the VR-600. It is designed for cleaning various types of catch ponds in wastewater treatment plants and industry. Due to its resilient, anti-corrosion coated surface the vehicle can be operated in corrosive environments. The vehicle is delivered with a practical transport trolley making the CS-600 a very mobile system.

The CS-600 is equipped with a fixed video camera that helps the operator maneuver the vehicle.

#### Dimensions (L x W x H):

740 x 630 x 360 mm,

**Pump capacity** 70 m<sup>3</sup>/h.

**Speed:** 12 m/min.

**Power consumption** 3 kW

**Other:** Fixed video camera.