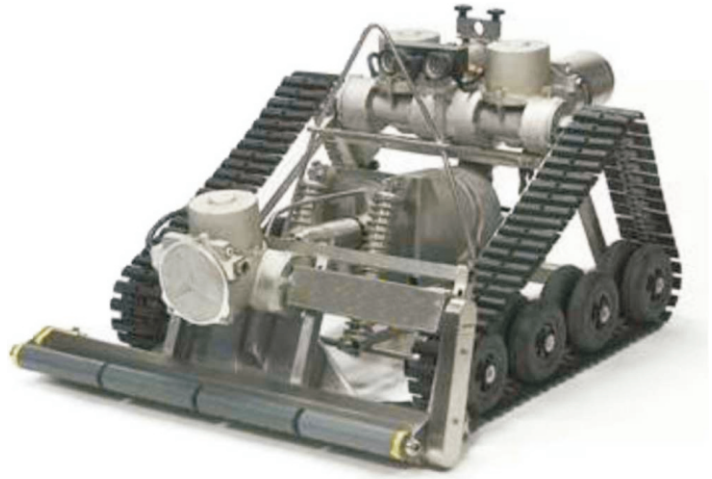


YT-800



For cleaning sand filters and large basins

The YT-800 is an electricity-operated remote controlled submersible robot for cleaning large underwater surfaces, such as the bottom of a sand filter. The powerful pump and wide nozzle make it possible to clean large areas in a relatively short time. The sediment is pumped through a hose to a designated point of discharge, such as a sand treatment station.

Traditional cleaning using loading machines, conveyor belts and such require costly investments and manual filter cleaning is very labor intensive. Both methods require that the filter is drained and taken offline. With the YT-800, cleaning can be carried out during full operation.

Easily operated by one person, the YT-800 is remote controlled using a radio hand box. The vehicle can be equipped with underwater cameras to facilitate long-distance operation from a van or operations room for example. Using the YT-800 reduces cleaning costs and does not interrupt distribution. YT-800 has only electrical engines and uses no dangerous oils or chemicals that can damage the filter.

Other applications for the YT-800 include cleaning infiltration dams and surface cleaning large outdoor basins.

Dimensions (L x W x H):
1150 x 1200 x 900 mm.

Pump capacity: 100 m³/h.

Speed: Variable from 0.5 to 10 m/min.

Power consumption: 15 kW

Other: Rotating screw nozzle is vertically adjustable. Can be fitted with a video camera.

The SD System

Fixed installation in sedimentation basins

The bottoms of the sedimentation basins must be cleaned regularly to maintain good water quality. The SD System can effectively and cost-efficiently remove sediment without taking the basin offline.

The SD System removes sediments from the bottom of basins using submersible pumps mounted on the vehicle. This guarantees efficient cleaning without stirring up sediment. The system is a fixed installation, customized for each basin's width and particular suction needs. It is easy to install and requires no major adjustments to the basin.

Dimensions: Customized to the basin's dimensions.

Pump capacity: Customized to sediment quantities and types.

Speed: Variable up to 3 m/min.

Power consumption: Depends on the type of pump.

Other: Fully automated system with several pre-programmed parameters to optimise the system for each basin's specific conditions.

