



APPLICATION

Conçu spécialement pour le nettoyage des ouvrages de décantation avec surverse.

BENEFITS

- Significantly cuts the costs of cleaning the catchment channel around the basin perimeter.
- Keeping the channel constantly clean avoids the heavy build-ups of dirt that occur when algae and deposits are cleaned away at intervals.
- These types of cleaning operation also usually require the use of heavy plant (Jet-vac truck, high-pressure systems, etc) and tie up personnel on menial tasks.

DESIGN/OPERATION

The AUTOBROSSE rotary brush carriage is pulled along the channel by the rotating scraper bridge using an appropriate mechanical system (arm or chain) included with the equipment. The cylindrical rotating brushes are much more effective than the basic wipers that are sometimes used, and are driven by gear motors from a simple 400 V, 2 A three-phase plug.

The pair of low-power (0.18 kW) motors run continuously, but they can be switched on for just a few days a month to get a full clean while using less power. For the rest of the time, deposits can be prevented by letting the bridge pull the brushes around.

The only wear parts on this system are the brushes, which will need replacing approximately once a year, when the wear take-up system has reached its limit. Replacement is straightforward and only takes a few minutes.

The welded chassis is made of stainless steel, the brushes are plastic, and the fasteners are all stainless steel. All of these items make the equipment highly corrosion resistant. The electric motors are protected by circuit breakers with an On/Off control in the chassis-mounted IP55 plastic housings.

TECHNICAL DATA



> Drawing for illustration purposes

