



AUTOMATIC FLOATING SLUDGE EXTRACTOR

AW-ASSS

Floating, vertical extraction with flow-optimised design, constant removal of floating sludge independent of the wastewater level

APPLICATION

- SBR wastewater treatment plants
- Conventional wastewater treatment plants
- Pond wastewater treatment systems
- Industrial wastewater treatment plants
- Other mixed processes

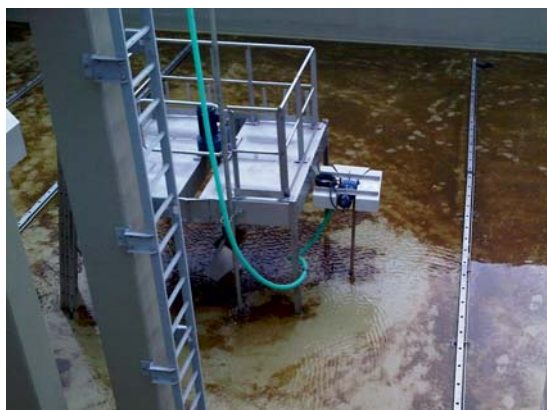
PRODUCT DESCRIPTION

The automatic floating sludge extractor is a floating surface media removal device, that works most effectively in combination with vertical agitator (AW- HydroMIX) and has been tried and tested in flow simulation.

A special fixing to this effect is provided for fitting to AW-HydroMIX. All kinds of different floating media can be easily extracted thanks to the electrical submersible pump, even in case of water level fluctuations. The pump type is especially designed and produced for use with the extractor. Special acid protection ensures maximum resistance to chemical exposure and provides good protection properties against all liquid materials.

DESIGN FEATURES

- Floating, unsinkable system with attached free-flow impeller submersible pump
- Optimally positioned within in the tank thanks to flow simulation
- Adjustable height suction inlet for optimisation and fine tuning
- Sizes are adjusted individually, according to the tank volume



ADVANTAGES

- Automatic adjustment to rising or falling water level
- Uniform mixing of the tank contents as a result of preceding flow simulation
- Control system ensures optimum circulation capacity (speed) by recording the level and turbidity
- Increase in process effectiveness and reduction in energy consumption compared to conventional agitators
- Individually adaptable activation
- Good, safe accessibility to drive and measuring probes
- Highly suited for retrofitting

