AUTOMATIC FLOATING SLUDGE REMOVAL EQUIPMENT  AW-ASSA 200/E

Effective solution for the removal of floating sludge

AREAS OF USE | APPLICATION
• Primary and secondary settlement tank for wastewater treatment without scraper equipment
• Industrial plants with settlement tanks

PRODUCT DESCRIPTION
The ASSA 200/E automatic floating sludge remover is used to remove floating sludge from settlement tanks (primary settlement tanks, secondary settlement tank). Depending on the tank size, the place of attachment and flow conditions, one or several decanters can be installed. The sludge is drawn in by a pulsating pipe system and is pumped into the sludge storage tank. A submersible pump is installed underneath the pipe system. The floating intake pipe equalises the usual water level changes in the preliminary and secondary settlement tank. The intake capacity and water level are easily adjusted via a ball valve. Sludge removal can take place in optional automatic or manual mode.

DESIGN FEATURES
The removal device is mounted in a adjustable height position on the edge of the tank or on the operator catwalk. A retrofit is therefore easily possible. The sludge removal consists of a submersible pump and a pulsating pipe system. The interaction between intake and drive forces causes the intake opening to dip and rise. The sludge intake area has a diameter of approx. 4 m. Depending on the tank size, the place of attachment and flow conditions, one or several decanters can be installed. In automatic the pause-running time can be controlled by any conventional control system.

ADVANTAGES
• Simple design and high functional reliability
• Can be easily retrofitted
• Compatibility with conventional control systems
• Minimum operator work
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