

AQUATO®

VISIONARY SOLUTIONS

Modular wastewater
treatment systems



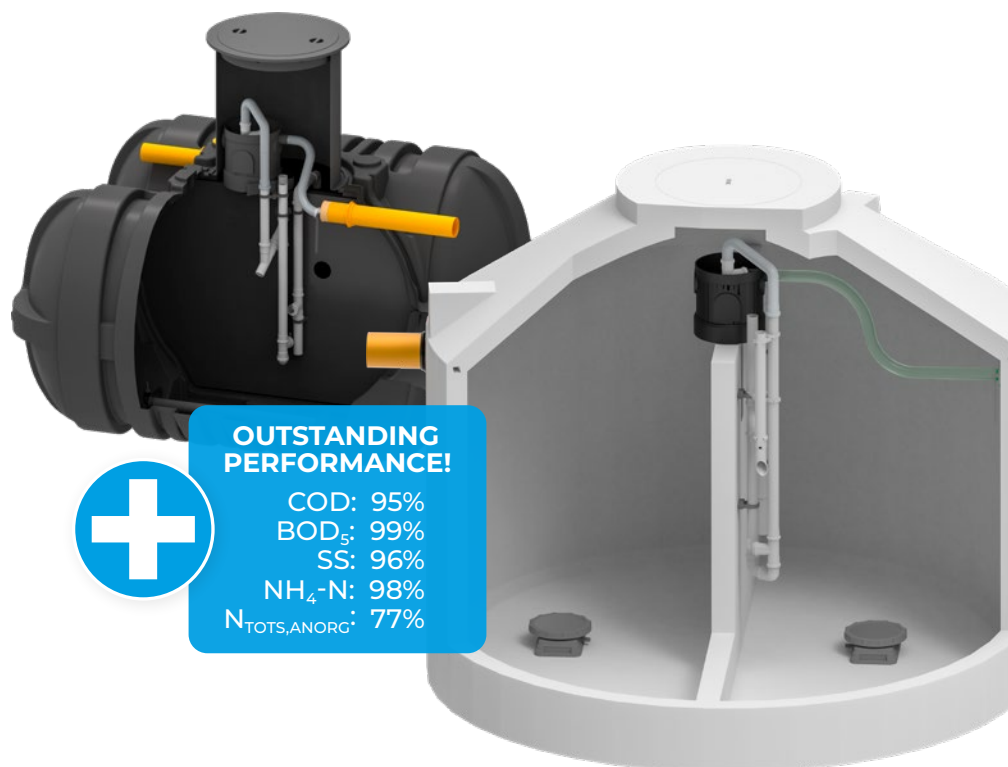
STABI-KOM SSB® 3-phase-cycle for a outstanding performance

A PROVEN SOLUTION

Our STABI-KOM SSB® is a full aerated treatment plant with activated sludge and sludge stabilization. It works in a batch process with 3-phase-cycles. The SSB®-process can operate in modern single or multi-chamber tanks or easily, without major structural changes, in existing older tanks.

ADVANTAGES

- + Simple retrofitting in existing pits
- + Suitable for a wide range of tanks
- + Reduced technology
- + No electrical components submerged in water
- + High level of operational safety due to modern technology
- + Durability due to proven units
- + Low maintenance costs due to easy handling
- + Low power consumption
- + Eco-mode optional
- + Excellent cleaning efficiency even with over- & underload
- + Significant below the required limit values



Internet of things

Remote maintenance via WLAN or GSM



IoT option



- + Increases maintenance efficiency
- + Remote analysis and adjustment of certain plant parameters
- + Avoid technician assignment and save additional costs

The IoT circuit board can easily be retrofitted to all our controls built since 2008!



KOM

SBR 4-phase-cycle

- + Batch process with pre-treatment and activated sludge reactor
- + Aeration and water lifting by compressed air
- + All electrical components outside the wastewater

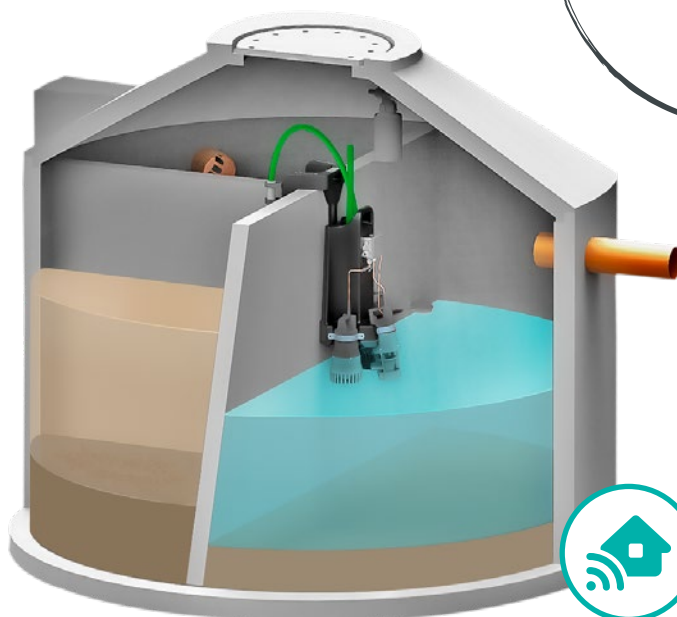


IoT
option

PUMP

SBR 4-phase-cycle

- + Batch process with pre-treatment and activated sludge reactor
- + Pre-assembled treatment solution for easy installation
- + Submerged water lifting pumps and aerator



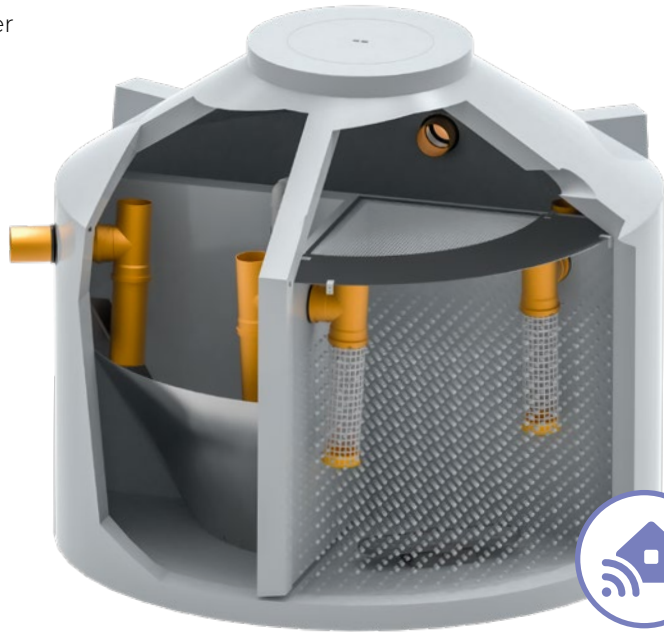
IoT
option

SUITABLE FOR
TANKS MADE OF
CONCRETE, PLASTIC
AND MORE

3K-FLOW

Moving bed bioreactor plant

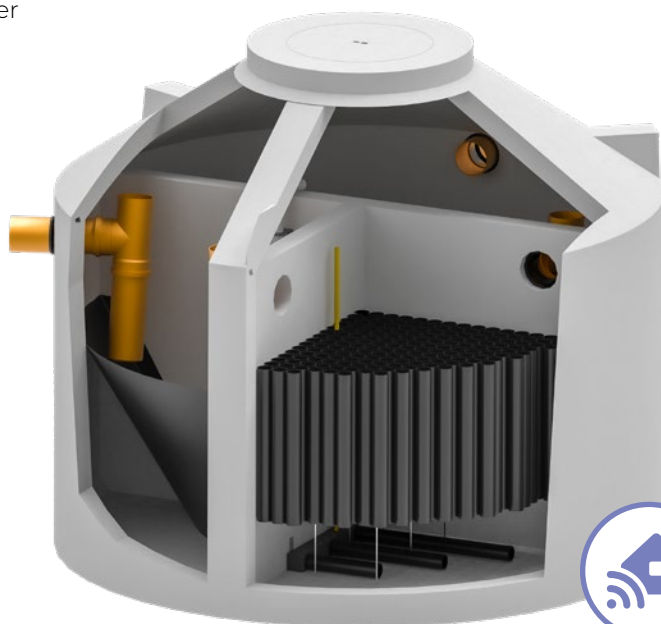
- + Pre-treatment, biofilm reactor and clarifier with free flow wastewater passage
- + Aeration and sludge return by compressed air
- + Biofilm growth on bio-carriers with maximised surface



3K-PLUS

Fixed bed bioreactor plant

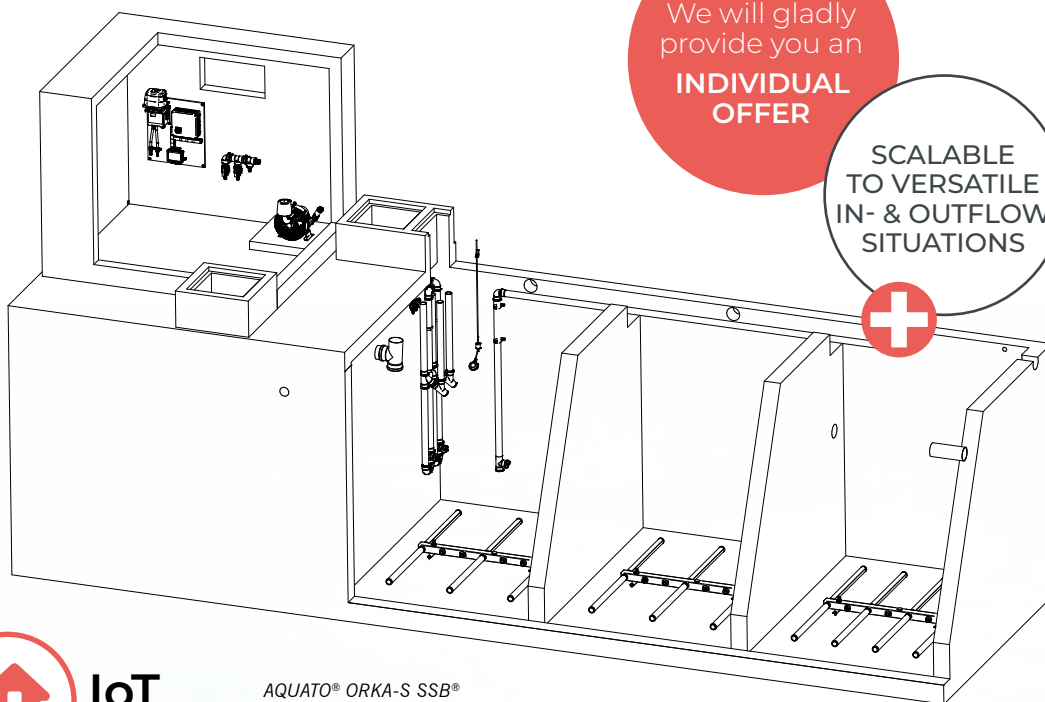
- + Pre-treatment, biofilm reactor and clarifier with free flow wastewater passage
- + Aeration and sludge return by compressed air
- + Compact bio-carrier unit for stable biofilm growth



ORKA Sustainable solutions for large wastewater quantities

A sustainable solution requires a consistent analysis of needs, competent planning and reliable technology. Regardless of whether it is a new construction or the upgrading of an existing wastewater treatment plant. Our goal is to deliver the reliable wastewater treatment plant as a cost-effective and coherent

concept with all our "know how" for your requirements. The selection and use of high-quality components play just as important a role in the success of our ORKA solutions as the simple installation of the components on site.



AQUATO® ORKA-S SSB®
20 m³/d





Presented by:



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