**IFAT 2018**

**Self-cleaning tank inserts for waste water tanks**

At this year’s IFAT trade fair in Munich, KSB SE & Co. KGaA is presenting its ready-to-install self-cleaning Amaclean tank insert. Amaclean decreases the amount of stagnant water in the pump sump and reduces the need for maintenance and cleaning.

In combination with select impeller types featuring in the waste water pumps used, this tank insert eliminates the need for flushing valves. Amaclean’s patented design and gel-coated inner surface prevent waste and fibres contained in the waste water from depositing in and at the lower parts of the structure.

The tank itself is made of glass fibre reinforced polyester, which has a good chemical resistance. Steel reinforcement enhances anchoring in the concrete and transfers the weight-induced forces of the pumps, supported by the flanged bends, into the surrounding concrete jacket of the waste water tank.

All wetted parts are made of plastic-coated cast iron or corrosion-resistant stainless steel. The tank insert is grouted with concrete and is suitable for installation in new concrete sumps as well as for the refurbishment of existing concrete sumps. Amaclean is available in three sizes for waste water sumps with an inside diameter of 1200, 1500 and 2000 mm.

Illustration: With its patented design and gel-coated inner surface the new Amaclean tank insert prevents waste and fibres contained in the waste water from depositing at the lower parts of the structure. ©KSB SE & Co. KGaA, Frankenthal