

New effluent treatment systems

Oloid AG, Switzerland, is offering the Oloid-Schatz system that has been designed to agitate, circulate and aerate effluents. The normal motion of rotation is replaced by inversion. The stirring device itself is not a propeller but a rolling body, the so-called Oloid. The egg-shaped Oloid slides through water with a minimum of resistance. Water is lifted in a steadily pulsating rhythm from the depth and then delivered at a right angle. This causes a rotation of the water volume. Depending on the depth of the immersed stirring body, air is introduced into the water. The Oloid may also be used to de-gas or vent or for straight stirring.

The stirring component along with its driving mechanism may be modified using accessories. It is easy to install into basins, silos, cisterns and reservoirs of all types. Its low energy consumption substantially lowers operating expenses. The entire unit is modular and could be used for ponds, lakes, channels, fish ponds and aquaculture, sewage treatment plants, settling sumps, and storm water tanks. It is suitable for mixing, homogenizing and dispersing liquid media. Some of the system's application areas include: liquid manure, treatment plants, dump-site leachate, compost leachate, pond sewage, denitrification, etc.

Contact: Oloid AG, Dornacherstrasse 139, CH 4053, Basel, Switzerland. Tel: +41 (61) 3617 861; Fax: +41 (61) 3610 659; E-mail: info@oloid.ch; Website: <http://www.oloid.ch>.