



AERATOR S-1

SUZUKI SANGYO Co.,Ltd.-

• Powerful Aeration System

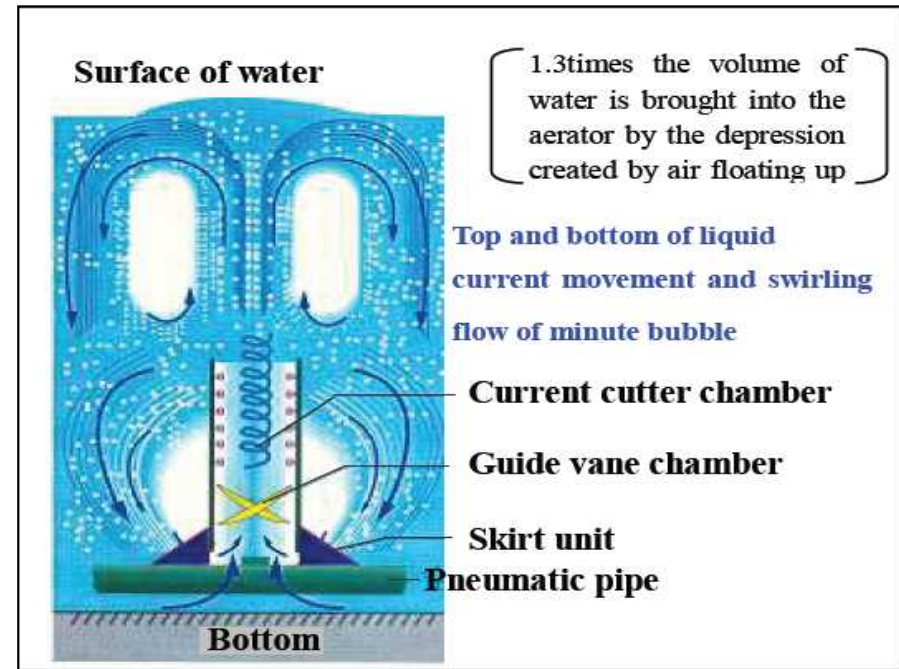
The suggestion of the efficient the waste water treatment system and reduction of large cost by AERATOR S1



Allows installation without draining wastewater



AERATOR S1



Features

1. Considerable Reduction of Electric Expenses
2. High and Stable Oxygen Absorption Ratio
3. Maintenance free -The Regular Cleaning is unnecessary

4. No Trouble There is not stopped up
5. The Sludge doesn't Pile up in the Tank Bottom
6. The Introduction Construction is Easy

Overview (Technical principles, actions, etc.)

Real retirement period by the equipment introduced is 1.5 to 2 years.

A static air diffuser without moving parts has been developed for aeration of the active sludge tank.

- Processing performance improvement of BOD.COD
- Contact and stirring of gas and liquid by strong aeration
- Improvement of stir purification oxygen dissolution efficiency
- Cancellation of stink
- Reduction of waste sludge

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Team E-Kansai

Performance /specifications of technology / product

Model	Dia.	Length	Material			Weight	Air capacity per unit			Aeration area per unit
							Stand-ard	Upper limit	Lower limit	
	mm	mm	Main unit	Skirt unit	Connector	kg	m ³ /min	m ³ /min	m ³ /min	m ²
S-1	125	680	ABS	SUS	SUS Flange	8	1.0	1.4	0.7	Approx.6.0

Usage examples / result

In Japan, as the aeration device of waste water treatment tank such as dyeing factories and food factories, there is a track record introduced in more than 500 factories. In overseas has introduced track record in food factories and industrial wastewater and palm oil mills, rubber factories, chemical plants, etc. mainly in Southeast Asia.

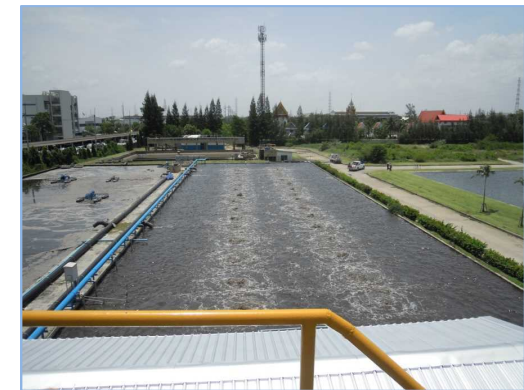
Surface aeration system 66kw
⇒AERATOR S1 system 30kw
Electricity bill has been significantly reduced



Malaysia SD Palm Oil factory wastewater treatment system , BOD20 Plant. Influent volume 960m³/D by AeratorS1 72sets



Indonesia P Palm Oil factory ,Ministry of the Environment co-benefits environmental technologies Japan - Indonesia bilateral cooperation projects 2014 by Aerator 12 sets



Thailand AN Industrial Park wastewater treatment system. Influent volume 6,000 m³/D. Lagoon type by AeratorS1 32sets