

FLOSYS

Flosys Water Solutions Pvt. Ltd.

High Quality Treatment for Water & Environment

Municipal Wastewater

Industrial Wastewater

Drinking Water

Package Solutions

Sludge Treatment

After Sales & Service



REUSE - REDUCE- RELISH - RETREAT - REFRESH

COMPANY PROFILE



FLOSYS-Water is an engineering and manufacturing company Flourishing in the field of water and wastewater treatment. Our main objective is conserving the environment through innovative technical solutions and services. Therefore we focus on the supply of high quality, robust and advanced technology to provide our clients worldwide with efficient and cost-effective systems. Our systems feature compact, modular design as well as easy installation and operation conditions. Water Solutions Pvt. Ltd. has also acquired ISO 9001:2015 to enhance its capabilities from an integrated management system.

We engage in close cooperation with our clients, studying their on-site requirements, developing suitable solutions and supplying appropriate system components in accordance with their needs and values. -Water serves its clients worldwide through both our main offices situated in India, along with regional branch and satellite offices and numerous global partners.

In addition to manufacturing complete water and wastewater treatment plants we are also specialized in supplying components for following process steps and fields:

- Pretreatment
- Secondary Treatment
- Advanced Treatment
- Package Solutions
- Sludge Treatment
- Odor Control
- Renewable Energy
- Instrumentation & Control
- Water Treatment Chemicals
- Pumps & Flow Regulation



Municipal Wastewater

Wastewater generated from households and residents are treated in central wastewater treatment plants.

We provide reliable and robust machines for treatment processes such as pre-treatment, biological, secondary treatment, tertiary

treatment as well sludge handling and treatment processes.

Our concepts feature conventional activated sludge processes, (SBR) sequential batch treatment & MBR Membrane Bio Reactor.



Industrial Wastewater

Wastewater treatment is critical for every industry. Each industry has its own set of requirements which determines treatment needs. -Water helps industries to fulfill increasing industrial waste-water treatment regulations while improving efficiency and reducing waste disposal costs; from wastewater to re-used process water or required discharge quality.

-Water offers complete systems for the whole industrial wastewater treatment process; we can provide appropriate solutions to any type of industry and any type of limit conditions.



Drinking Water

Availability of safe drinking water is the most essential basis of life for all people worldwide. Therefore -Water is continuously developing its products to serve the need for economical potable water treatment plants.

Furthermore we are specialized in realizing upgrade and rehabilitation works of existing plants within tight schedule and challenging local site conditions.



Package Solutions

Our containerized package plants are pre-engineered compact solutions for treatment of wastewater, drinking water, process water and sludge.

is pre-assembled in standard ISO containers to facilitate easy transport, quick delivery and installation with minimum on-site construction works. -Water package plants are manufactured from stainless steel and contain high quality components to ensure durable long-term operation.

The systems are designed modular and movable. All equipment for the complete treatment process



Sludge Treatment

Sludge is a by-product of wastewater and industrial processes. This material may be contaminated with toxic organic and inorganic compounds. Coarse primary solids and secondary bio solids accumulated in a wastewater treatment process must be treated to be disposed of in a safe and effective way.

FLOSYS-Water offers complete solutions for sludge treatment comprising thickening, dewatering and sludge drying. We offer stationary solutions as well as fully containerized and mobile systems.



After Sales & Service

We know that customer loyalty is not only built on superior product quality, but also on the motivation of a producer to offer life-long product assistance.

the optimal operation, functionality and performance of our Products. We pride ourselves on providing the appropriate solutions to customers' problems. Our after-sales service helps ensure trouble free operation of our products throughout their lifetime.

At FLOSYS-Water we go beyond simply supplying products. We work with our customers to ensure



Package Plants

Onsite installation of our package plants requires only a short time with minimum civil work, piping and cabling. It is easy to extend with additional units and can be moved to any other location. Unique technologies and equipment have been utilized to provide the highest capacity and quality within a small foot-print.

Depending on client's requirement, the plant can be fully automatic, semi-automatic or manually operated.

- MBR Sewage Plant
- MBBR Sewage Plant
- Drinking Water Plant
- Reverse Osmosis Plant
- Sludge Dewatering
- Industrial Effluent
- Ultra Filtration
- SBR System



Pretreatment

In this first stage of wastewater treatment process, screens and other separation components are used to remove floating and settleable coarse material from the raw water. Primary cleaning is the basis to prevent downstream equipment from clogging and damages.

- Multi Rake Bar Screen
- Perforated Belt Screen
- Grab Bar Screen
- Inclined Screw Screen
- Vertical Screw Screen
- Basket Screen
- Storm Water Screen
- Wash Press
- Circular Grit Trap (Vortex)
- Longitudinal Grit Trap
- Grit Classifier
- Grit Washer
- Packaged Inlet Work
- Drum Screen



Secondary Treatment

In the secondary treatment stage the elimination of dissolved and suspended organic compounds takes place. Enhanced by mixing, aeration and settling processes a certain required effluent quality can be achieved via biological, chemical and physical interactions.

- Fine & Coarse Bubble Diffusers
- Mixers, Aerators & Blowers
- Chain Scraper
- Bridge Scraper
- Circular Tank Scraper
- Scum Removal (Skimmer)
- Sludge Thickeners



Advanced Water Treatment

To comply with increased requirements in terms of specific effluent limits the need for advanced treatment technologies may emerge. For these applications we offer a range of systems in addition to the conventional treatment Components, such as

membrane filtration, disinfection, ion exchange, carbon adsorption and others.

- Dissolved Air Flotation
- Reverse Osmosis
- Disc Filtration
- Ultra & Nano Filtration



Sludge Treatment

Sludge is produced during the treatment of water. This is inherently so because a primary aim of water treatment is removing solids. In addition, soluble organic substances are converted to bacterial cells and the resulting sludge is removed from the wastewater. These material must be treated through thickening, dewatering and/or drying to be disposed of in safe and effective way.

- Belt Filter Press
- Screw Press
- Centrifuge
- Dewatering Bags
- Belt Thickener
- Screw Thickener
- Mobile Sludge Dewatering
- Polymer Preparation Unit
- Sludge Dryer
- Sludge to energy process
- Sludge Handling & Silos

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