EUROTECK
ENVIRONMENTAL (P) LTD

LET'S RECYCLE

ABOUT EUROTECK

EUROTECK ENVIRONMENTAL PVT LTD has been an established player for the last 18 years in the field of water and wastewater treatment in India and the Middle East Markets. We provide fully integrated wastewater treatment solutions by using advanced and innovative technologies/processes that optimize capital and operating expenses and enhance the quality of treated water.

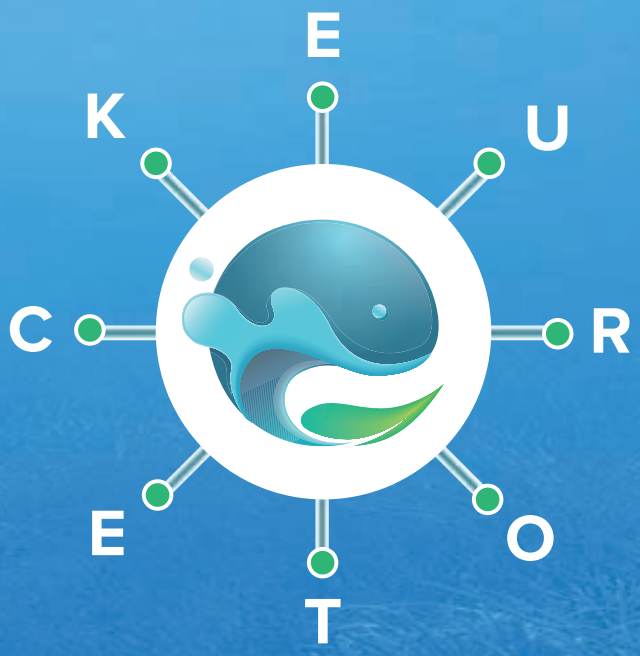
OUR MISSION

We strive to provide the highest quality products and customer services through innovation and creativity to attain Market Leadership. We are committed to exceeding customers' expectations through a motivated and talented employee pool.

OUR VISION

To be a market leader in the water and wastewater segment by adopting innovative and proven technologies ensuring customer delight.

EUROTECK VALUES



Ethics
Unique Approach
Respect & Trust
Ownership
Transparency
Excellence
Customer Centric
Knowledge Sharing

20 YEARS OF EXCELLENCE

50+	35+	15+	10+
Products Range	Partnerships	Industries	Countries

“ONE - STOP SOLUTION FOR WATER AND WASTEWATER TREATMENT”

One stop solution for the entire product range incl AI/ML & IoT for STP/WTP/ETP05 Products Patents and more to come

Manufacturing collaboration with best in industry from Asia, US, Canada, Europe, Japan & UK.In house R&D for Tech Upgrade

Successfully completed > 3500 installations of new and upgradation of existing plants with capacity from 01 MLD to 280 MLD In India & Middle East

EUROTECK TECHNOLOGICAL EXPERTISE

Expertise in serving various industries & municipal bodies	Expertise in biological process technologies such as
Pharma & Chemical	Integrated Floating Fixed-film Activated sludge (IFFAS- Bio-lace)
Sugar & Distilleries	Advanced Sequencing Batch Reactor(ASBR)
Food, Beverages & Dairy	Anaerobic-Anoxic-Aerobic process (A2O)
Oil & Refineries	Floating Wetland Dual The Treatment (FWDT)
Pulp & Paper	Ecotreat Geoliner Based Low Cost Treatment
Industrial Cluster, Public Utilities, Defense & Municipalities	Upcoming Package Sewage Treatment Plant Biodegester UK

EUROTECK’ S FAMILY IS FURTHER GROWING GLOBALLY!

EUROTECK GROUP COMPANIES

The Group companies work in harmony, leveraging their unique strengths to drive innovation & deliver high-impact Environmentally Sustainable Solutions across the Globe.

BIODIGESTER

Biodigester Products Ltd | Designers and manufacturers of wastewater treatment systems Breaking News: Our newly patented T range doesn't require emptying for at least 3 years

WATER MATRIX TECHNOLOGIES FZE

Caters to the Middle East & African market since 2009, it operates with dedicated manufacturing facilities, ensuring region-specific solutions for water treatment and environmental sustainability.

INTELHYDRO™
Smart & Sustainable

Advanced AI/ML-driven digitizing & optimizing platform & solutions, Intel Hydro is at the forefront of incorporating intelligent technologies into water treatment operations, optimizing efficiency, reducing power consumption, and ensuring sustainability.expertise to local markets.

euroclean TBR

A joint partnership with TBR Co. Ltd, Japan, the company has expertise in upgrading existing plants capacity and restoring rivers (400 lakes and rivers rejuvenated till date) in Japan. The collaboration focuses on integrating cutting-edge Japanese technology into Euroteck's offerings, enhancing water treatment processes and bringing global expertise to local markets.

DISCOVER OUR RANGE

SCREEN

GRIT REMOVAL SYSTEM

ODOR CONTROL UNIT

DENSITY CURRENT BAFFLES

AERATOR

BIO LACE MEDIA

TORING TURBINE

AIR DIFFUSER

NANO BLENDZ

DECANTER

FLOATING RAFTER

DISC CLOTH FITER

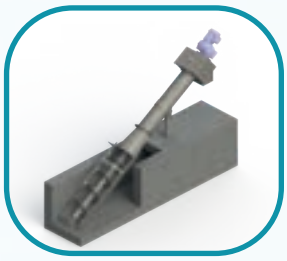
FILBER FILTER

BELT FILTER PRESS

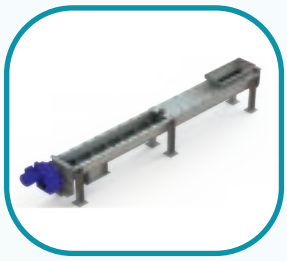
SCREW PRESS

SLUDGE THICKNER

SCREW COMPACTER



SCREW SCREEN

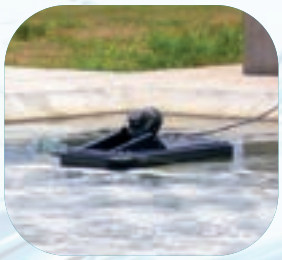


SCREW CONVEYOR

SPRINTEX BLOWER

BUDDY SYSTEM

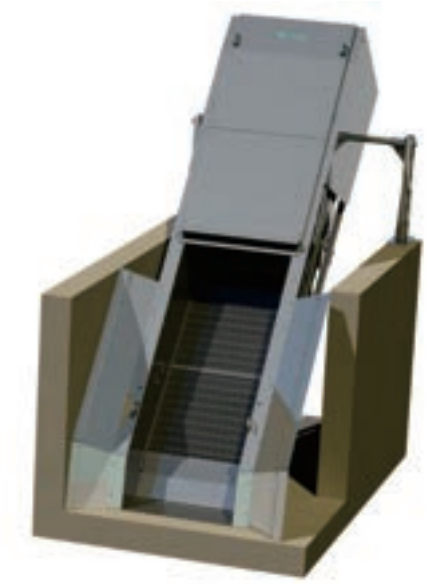
CLARIFIER



ASPIRATOR

ROTO DRUM SCREEN

Screening Solutions



STEP TYPE FINE SCREEN

The most efficient equipment for the fine treatment of municipal and industrial wastewater with a high separation degree of small floating inorganic and fibrous inclusions.

Key Features

- Fine treatment, sheet metal plates with a thickness of 2-3 mm provide a high throughput capacity of the screen
- Step screen has a reduced spacing of 1 mm in the area above the channel. This prevents the already lifted wastes from falling back into the channel.
- Combined mechanical and electrical overload protection of the drive protects the equipment from damage in case of jamming.
- Self-cleaning of the screen plates in the countercurrent mode without the use of auxiliary mechanisms, brushes or water rinsing.

Applications

• STP • CETP

RAKE TYPE BAR SCREEN COARSE & FINE

An ideal solution for the first stage of preliminary treatment at wastewater treatment plants and pumping stations to remove solids from wastewater stream, protect pumping equipment and reduce the load on the subsequent wastewater treatment processes.

Features & Advantages:

- Lower raking speed of 2-3 mtr/min for higher efficiency
- Frequent cleaning cycles with Lower rake distance of 0.8 meter
- Bar spacings from 5mm to 100mm
- Unique teardrop-shaped bars minimize hydraulic resistance intern
- increase its throughput capacity
- There are no submerged rotating elements, the chains move along
- the lateral polymer guides
- Electrical protection against overload and power surges

Applications

• Sewage Pumping Station • Surface Water Pumping Station
• STP • CETP

BRUSH TYPE SCREEN

The screen is used at treatment facilities of utility and industrial enterprises with wastewater flow rate up to 150 m3/h. It is installed directly on a pipe and removes inclusions with the size above 0.8 mm. These screens are recommended for mechanical wastewater treatment in the meat processing industry.

Key Features

• The screen is made of stainless steel that ensures the long service life
• The perforated mesh with small openings ensures fine treatment of effluents with retention of such hard-to retain contaminants as hair
• The cover covering the mesh on the top prevents from splashing and odour spreading, as well as ensures easy access for maintenance and visual control.

Applications

• ETP • CETP • WWTP

SCREW SCREEN

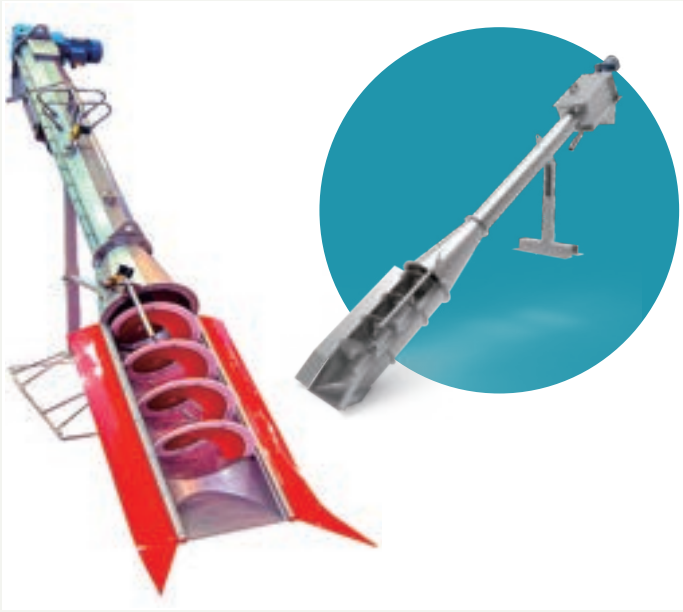
Screw screen is a space-saving and efficient equipment for the separation of small and medium waste from municipal and industrial wastewater. Screw screens are reliable and functional equipment for mechanical wastewater treatment with an integrated system for screenings washing and pressing.

Key Features

- Perforated mesh ensures the high efficiency of filtration and separation of even hard-to-catch impurities such as hair.
- The screw is equipped with a brush on its edges to ensure the optimal mesh cleaning
- Integrated screenings washing function allows retaining organic compounds in wastewater.
- The shaftless screw used for transportation of waste prevents jamming and blockage of screen
- These screens can be integrated into the existing wastewater setup

Applications

- Municipal Sewage • Industrial Effluent



IN-CHANNEL SEWAGE GRINDER SCREEN

The screen consists of two sets of rotating cutters located vertical o drive shafts enclosed in the frame. Grinder screens are intended fo bulky waste material that are found in industrial and domesti wastewater. Grinding screens can be installed in Sewer Pump Station (SPS) and in the headworks of wastewater treatment plants

Key Features

- Protects downstream equipment by reducing the size of solids suspended in the wastewater.
- High screen productivity and reliable performance due to the design of the drums which prevent waste build up inside the screen.
- High serviceability due to the screen design - Easy mounting and dismounting.
- Automatic protection against jamming with reverse and restart of the grinding cutters.
- Reduction of service personnel demand of the pumping stations and costs on waste disposal.

Applications

- Municipal Sewage • Industrial Effluent

WASTE GRINDER

The grinder consists of two sets of rotating cutters that are installed horizontally and enclosed in the frame. A loading hopper is provided on the top of the frame for waste from the screening equipment. These screens are intended for grinding large and medium sized waste from

the mechanized screens on the Sewer Pump Stations (SPS).

Key Features

- Reduces pumping station service personnel and costs for waste removal
- Retention of organic compounds in the wastewater for further biological treatment processes
- Automatic equipment protection prevents jamming and congestion – grinding cutters reverse and restart

Applications

- Sewer Pump Stations (SPS)

Mechanical Grit Removal Systems

COMBINED MECHANICAL TREATMENT MODULE M-COMBI

M-Combi Module is a complex solution for mechanical wastewater treatment. It's a compact module provides all pre-treatment stages and ensures the effective removal of waste, sand and grease from wastewater. Mechanical treatment stages include fine screening, aerated grit chamber, grease chamber, sand washing & compacting unit.

Key Features

- Compact design leads to significant capital costs reduction.
- High treatment efficiency. Different types of screens design can be used for various types waste removal.
- Debris and grit washing system prevents rot and spreading of odor, and allows transferring of organic compounds to the further biological treatment stages if needed.
- Operation and maintenance cost reduction is achieved due to the high automation level.

Applications

- STP
- CETP

VORTEX GRIT REMOVAL SYSTEM

Vortex Grit consists of sand, gravel, cinders, or other heavy materials that have specific gravities or settling velocities considerably greater than those of organic particles. This grit chamber works on Vortex principle. The tangential flow pattern inside the chamber allows grit to settle while holding the organics in suspension.

Key Features

- Higher Ggrriitt captturre effifficacy..
- Deal for wastewater treatment plants with lesser footprints.
- Lower capital costs for small STPs.
- Provision of automation to customized program
- Casing manufactured from stainless steel is reliable and durable

Applications

- CETP
- WWTP

TANGENTIAL GRIT REMOVAL

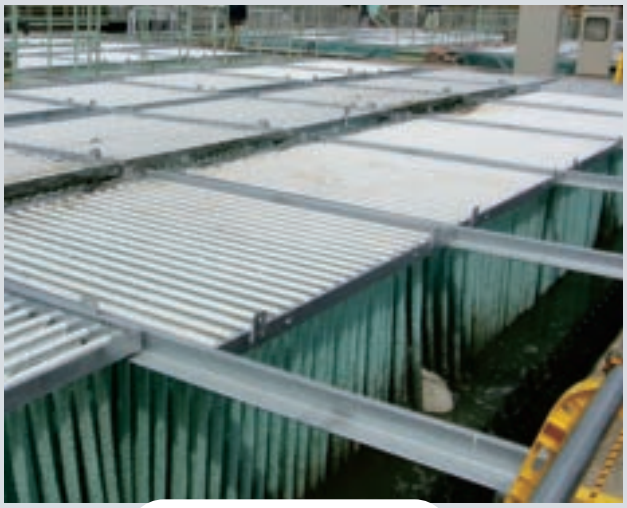
Tangential grit removal is intended for extraction and removal highly precipitable particles (griit),, which is sized more than 0.15 mm from municipal and industrial wastewater.

Key Features

- Gritt chambers capacity can be either 50 or 100 m3/hr.
- Cone--shaped tank with an inclined transporter makes easier for the removal of the precipitated grit.
- Collected grit is washed additionally from organic compounds with water under pressure and grit mixing ensures more qualitative flushing.
- The housing of the inclined screw transporter is protected against abrasion by a wear-resistant polymer insert
- The circulating liquid flow generated in the grit allows removing

Applications

- Municipal WWTP
- CETP



euroclean TEK

BIO-LACE (INTEGRATED FIXED FILM ACTIVATED SLUDGE)

IFFAS is a treatment process, combining suspended and sessile biomass In addition, Bio-Lace® is placed into the treatment tank in order to attach a part of the biomass (sessile biomass). With the attached growth more biomass is available in the system. Bio-Lace® is a rope form fibe combined with various high polymer material and specific braid ski installed in anaerobic tank & aeration tank. The important application is, i uses the microbes to adhere and degrade organic pollutant.

Key Features

- Ideally suited for all types of aeration systems
- Increased Aeration tank treatment capacity
- Floating media, ideally suited for zero down time
- Higher removal rate of BOD & COD
- Easy for upgrading an existing wastewater treatment plant
- Low maintenance - Easy to refresh and re-use

Applications

• Municipal Sewage • Industrial Effluent

DISC CLOTH FILTERS

The disk filtration system is an excellent alternative to sand filtration. This permits backwashing during the operation without stopping the machine and then the filtration; it allows for minimum head loss reduced energy consumption and minimum space requirements.

Key Features

- High filtration efficiency (TSS < 5 mg/l at discharge)
- Use “Polstoff” free-fibres filter cloth whose key property is high mechanical strength.
- Gravity filtration with limited pressure drop
- Continuous filtration, which does not necessitate any reserve units for the backwashing phase.
- Extremely limited electrical consumption & low backwash water volumes

Applications

• ETP • CETP • WWTP

ODOR CONTROL SYSTEMS

Odor control systems are standardized, pre-engineered, factory assembled for treating odors at sewage pump stations and wastewate treatment plants.

Two-stage biological system that provides point source odor control

- Biological reaction phase for the removal of H2S in the first stage with an inert inorganic media widely used for biological treatment
- Polishing second stage for residual H2S and organic odors with virgin activated carbon

Key Features

- Capacities up to 5,000cfm.
- Compact, low profile design.
- Upto 99% removal efficiency.
- Plug & play installation (Factory Assembled).
- Reliable, low maintenance operation.

Applications

• ETP • CETP • WWTP

ADVANCED ACTIVATED SLUDGE PROCESS
A2O PROCESS (Anaerobic+ Anoxic+ Oxic)

Advanced A2O process consists of a Modified Ludzack-Ettinger (MLE) process for nitrogen removal, with an anaerobic zone in front for phosphorus removal. The process is called A2O since it consists of anaerobic/anoxic/oxic (aerobic) tanks in series. The RAS is recycled to the anaerobic zone. The anaerobic zone is followed by an anoxic zone for nitrogen removal through de-nitrification. IR is recycled from the aerobic zone to the anoxic zone at a rate of 100 to 400 percent of influent without extra pumping

Key Features

- BOD Removal Efficiency 95-98%
- Complete BNR removal without use of any chemicals
- Inter re-circulation by means of gates inbuilt in the design helps in
- low energy consumption
- Incorporation of high efficiency triton type aerators with deeper mixing
- capability up to 10m.

DENSITY CURRENT BAFFLES

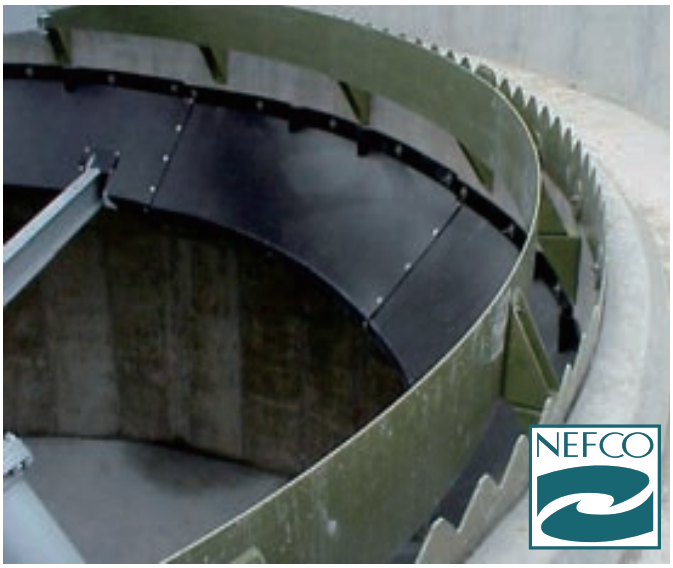
Density Current Baffles is an advanced system to improve the performance of the clarifier in terms of increase in hydraulic load and removal of TSS.

Key Features

• Clarifier performance improvement,
• Substantially reduces the clarifier solids upto 80%
• Promotes the Quick Sludge blanket formation
• Long Service life,
• Superior Corrosion resistance and strength,
• Quick Installation,
• Easy Installation, light weight components.

Application

• WTP • STP • ETP



CLARIFIERS

Clarifiers are designed for separation of the treated water from suspended solids, scum, oil products & active sludge.

A wide range of equipment and static elements are used for the primary and secondary clarifiers. They are used to provide laminar liquid movement conditions, equal collection of the sludge & scum. Also prevents the ingress of impurities into the treated water.

Types of clarifiers

• Radial Scraper

• RadialSuction Scraper

• Chain Scraper

Applications

• Municipal Sewage • Industrial Effluent

Aeration & Mixing Equipment

AIRE-O_2 TRITON 2.0 SERIES AREATOR

Key Features

- High oxygen transfer efficiency
- Fine bubble aeration – Upto 2.2mm bubble size diffused air system
- Small foot print - Deep mixing capability up to 11 meters depth
- Dual functionality - Nitrification and Denitrification capabilities
- High velocity horizontal mixing – Better dispersion & directional
- control with no splashes and reduced aerosol
- Low maintenance, easy retrofitting & maintenance
- Increased energy savings
- Increase the aeration capacity and Pump capacity 5Hp to 70Hp

Applications

• Municipal Sewage • Industrial Effluent • Aquaculture
• Lakes/Rivers Cleaning • Pumping Stations

AIRE-O_2 ASPIRATOR AREATOR

Key Features

- Produces horizontal & circular flow pattern, providing whole basin circulation
- Higher removal rates of Biochemical Oxygen Demand (BOD)
- Robust 1450/1800 rpm 4 pole motors allow for high velocity aspiration with extended motor life
- Low aerosols
- Simple to install and portable; ideal for retrofits and upgrades
- Suitable for small setups
- Field replaceable, water lubricated lower bearing with wear-resistant sleeve
- Wall, bridge mount assembly
- Pump capacity 2Hp to 60Hp

Applications

• Municipal Sewage • Industrial Effluent • Aquaculture
• Lakes/Rivers Cleaning • Pumping Stations

newterra

AIRE-O_2 TRITON MIXER

Key Features

• Small foot print, deep mixing capability up to 11 meters depth
• High velocity horizontal mixing - Better dispersion & directional control with no splashes and reduced aerosol
• Low speed (900 rpm/60Hz-750rpm/50Hz) operation ensures improved mixing; extended aerator life
• No need to empty out basin for cleaning
• Pump capacity 3Hp to 60Hp

Applications

• Municipal Sewage • Industrial Effluent • Aquaculture
• Lakes/Rivers Cleaning • Pumping Stations

FIBER FILTER

Fiber filters offer a high-speed alternative to traditional sand filtration (PSF), utilizing advanced fiber media for ultra-efficient filtration. They handle up to 30 PPM TSS at the inlet and deliver 10 PPM at the outlet, with superior turbidity retention due to high porosity. Their unique cleaning mechanism ensures consistent performance, while benefits include space savings, reduced backwash water usage, and higher filtration efficiency compared to granular filters.

Key Features

- Tertiary treatment of wastewater.
- Treatment of river water or lake water
- Can be used in a wide range of applications to reduce TSS.
- For removing SS from seawater.
- Before membrane filtration. Side filter of cooling water
- Circulating filtration (bathhouses, viewing ponds etc.)

Applications

- ETP • STP • WWTP

NANO BLENDZ

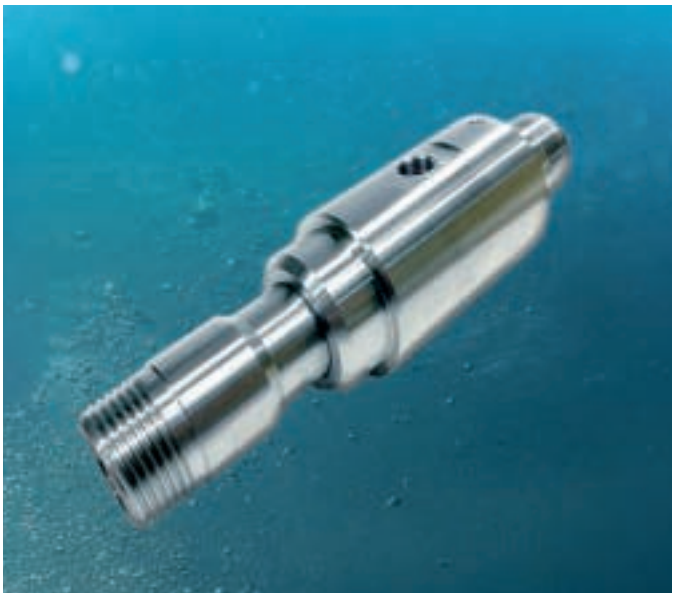
The water go through the nozzle with certain minimum velocity meet air from multiple outlets located inside of nozzle and they are efficiently mixed. The most of air dissolution happens in this process. The vacuum created at air inlet is more than minus 0.09Mpa. It self aspirate air even at the water depth of 10m.

Key Features

- Treats wastewater using a general-purpose pump with micro-nano bubbles.
- Creates aerobic conditions for rapid organic waste decomposition.
- Reduces odor, turbidity, COD, BOD, TOC, and SS effectively.
- Straight structure prevents clogging with low pressure loss.
- Space-saving, low installation, and minimal operational costs.

Applications

- Industrial
- Muncipal Sewage
- Lakes and Rivers



BUDDY SYSTEM

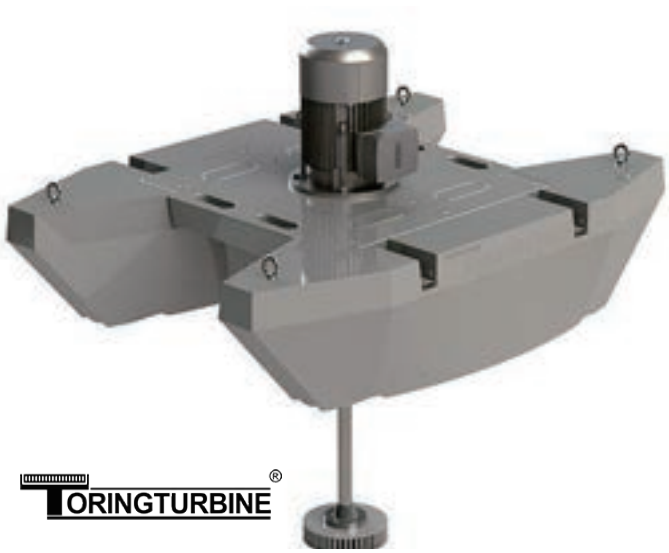
The BUDDY Wastewater Treatment System uses ozone-induced OH radicals and micro/nano bubbles to decompose organic matter. With activated carbon-based BUDDY Carriers, it cuts BOD, COD, energy use, and sludge without chemicals. It works with existing tanks, reducing costs and construction. Suitable for small to large facilities..

Key Features

- Sludge Reduction: OH radicals and micro/nano bubbles decompose organic matter, cutting BOD, COD, and sludge.
- Enhanced Treatment: Activated carbon carriers boost microorganism activity for better efficiency.
- Space Saving: Compact tanks replace large conventional systems.
- Facility Reuse: Adapts to existing facilities, reducing construction costs.
- Energy Efficient: Cuts blower use by 50% while maintaining performance.

Applications

- Industrial
- Muncipal Sewage
- Lakes and Rivers



TORING TURBINE

Toring Turbine Aerator TT200® is able to outperform competing aerators having up to seven times more kW.

Key Features

- Oxygen Transfer Efficiency
- Power Consumption Efficiency
- Quality Control
- Odor Control
- Operating Maintenance
- Built to Last
- No internal moving parts
- Completely self - cleaning
- Easy installation and Low power consumption

Applications

• Municipal Sewage • Industrial Effluent • Aquaculture •
• Pumping Stations • WWTP

AIR DIFFUSERS

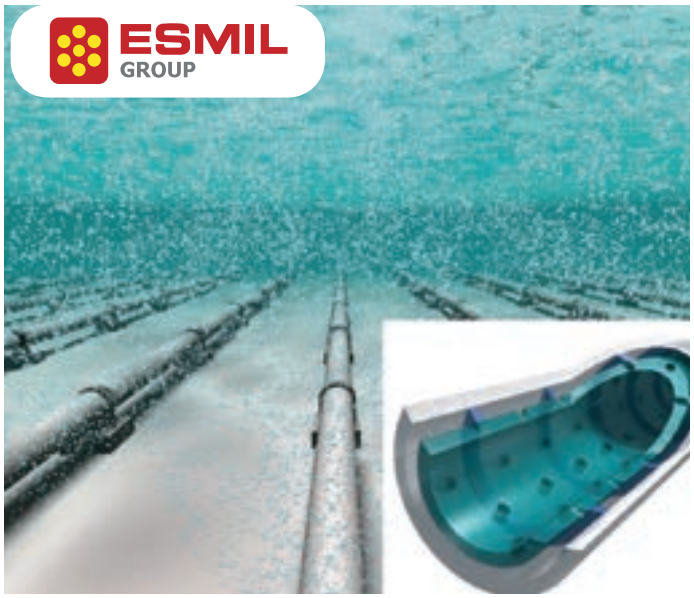
Tube air diffusers is an aeration device typically in the shape of a tube, which are used to transfer air with oxygen into the sewage or industrial wastewater. Tube Air Diffusers are designed for continuous aeration with minimum maintenance and maximum service life.

Key Features

- Robust design and reliable operation with no need for regular cleaning
- Continuous aeration with minimum maintenance and maximum service life.
- Uniform air distribution over the entire area of the aeration tank
- Low pressure losses resulting in reduced operating costs
- Resistant to a wide range of challenging environmental conditions
- Fast installation and start-up and no need of lateral piping
- Production control at every stage of equipment manufacturing
- Air flow upto 5 - 45 $Nm^3/(h*m)$

Applications

• ETP • CETP • WWTP • Inlet Air temperature upto 100°C



ASBR (Advanced Sequencing Batch Reactor)

Advanced SBR is the optimum biological process solution for most wastewater treatment problems in domestic, municipal, and industrial plants which is very effective for small, medium & large- scale applications

Key Features

- Dedicated bio-selector zone provided for **Biological Nutrient Removal (BNR)**
- Fluctuations in biological and hydraulic loads are automatically accommodated.
- Fully automated system, human intervention will not be required.
- Upto Less than 30% footprint compared to the conventional process.
- Rectangular / Square / Circular and Single or multiple basins give operational flexibility from 5000 GPD to 50+ MGD (20-190,000 m3/d)

Applications

• Municipal Sewage • Industrial Effluent

FLOATING RAFTER WETLANDS

The use of wetlands for bioremediation to capture and remove contaminants and nutrients is widely practiced around the world.

Key Features

- Anaerobic digestion
- Odor mitigation
- Nitrification processes
- De-nitrification and polishing
- pH stabilization
- Reduction in bio-chemical oxygen demand and fecal coliforms
- Reduction in phosphorus and sludge
- Habitat for wildlife

Appilcation

• Drainage Engineering • Aquaculture • Drainage Water Management • Irrigation and Water Management • Stormwater

ULTRA FILTRATION SYSTEM

Ultrafiltration (UF) is a membrane filtration process, using hydrostatic pressure to force water through a semi-permeable membrane. Suspended solids and solutes of high molecular weight are retained, while water and low molecular weight solutes pass through the membrane which includes colloidal silica, viruses and Coli forms.

Key Features

- High recovery of 96-98%
- No backwash – high recovery, less water, lower CAPEX
- Cleaning pH Range from 1-14
- Membrane area per module 142 m2.
- (3G) TIPS fiber technology

Applications

• Residual organics removal • Reduction of SDI • Colloidal particle removal
• Suspended solids removal • Removal of pathogens • Extend the life of RO

LAKES AND PONDS CLEANING

EUROTECK Environmental Pvt Ltd (EEPL) stands out as a leading expert in the domain of "Lakes and Rivers Cleaning," showcasing its commitment to restoring and maintaining aquatic ecosystems. As a testament to its expertise and dedication, EEPL has partnered with the Government of Telangana to undertake the prestigious Hussain Sagar Lake and Catchment Area Improvement Project. This collaboration is a significant step towards preserving the ecological balance and enhancing the quality of one of Hyderabad's most iconic water bodies. Hussain Sagar Lake, renowned for its historical and cultural significance, has faced challenges due to pollution and urbanization. Recognizing the need for advanced and sustainable solutions, EEPL has brought its innovative methodologies and cutting-edge technologies to ensure the restoration of the lake's water quality to world-class standards. The company has provided a strong assurance to prioritize the purity of the Hussain Sagar waters, aiming not only to revive its ecological health but also to secure its long-term sustainability. Through this initiative, EEPL reaffirms its role as a key player in environmental conservation, committed to transforming lakes and rivers into thriving ecosystems that benefit both nature and society.and its beauty.

Dewatering Equipments

BELT FILTER-PRESS

Belt Filter-Press is an effective solution for mechanical dewatering of sludge from municipal and industrial wastewater treatment plants. Low operating costs, high productivity and proven reliability are just a few of the factors that make this type of equipment popular.

Key Features

- The dewatered sludge of sewage treatment plants after the filter press reaches 72% to 80% of dry solids content with an average dose of flocculant of 2-3.5 kg / Tons of Dry solids.
- Inbuilt belt thickeners can be used both for sludge thickening moisture content from 92% to 97% or to increase the hydraulic capacity.
- The intelligent pneumatic system of the belt control allows the equipment to operate continuously while increasing the life of belts and pneumatic assemblies.
- Capacity on dry matter basis - 200-1100 kgDS/h
- Capacity on initial sludge basis, 5-50m3/h

Applications

STP SPS CETP Industrial Effluent

MULTI DISK SCREW PRESS

Dehydrators are intended for mechanical dewatering of industrial and domestic wastewater sludge. Sludge Dewatering Screw Press is designed to apply three functions into one unit, in which the three zones are conditioning zone, thickening zone and dewatering zone. It is able to run continuously and automatically to dewater sludge up to 15% to 25% of Outlet Consistency. With this equipment, you can remove sludge thickening tank and filter press.

Features

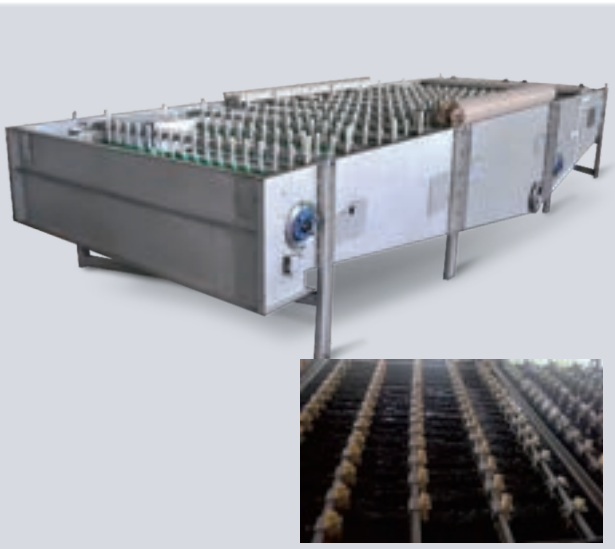
- Extremely Low energy consumption
- No requirement of thickener or drying beds
- Ideal for low-capacity unit, Clog-Free & small foot print
- Fully automatic control
- High resistance to oily sludge

Applications

• STP • SPS • CETP Industrial Effluent

SLUDGE THICKENER

Sludge thickener is intended for use as the first stage of sludge dewatering before its supply to a filter press, increase of its capacity, as well as an independent unit for sludge preparation for anaerobic fermentation in anaerobic digesters or reduction of load onto sludge fields.



Features

• High efficiency of sludge thickening due to the special system of ‘rippers’. Decrease in sludge volume Upto 10 times.

• Special system of ‘Plows‘ for uniform distribution of sludge on belt.

• Automated belt control system and its protection against misalignment • High corrosion protection level: The housing is made of stainless steel AISI 304.

Applications

• Thickening of municipal or industrial wastewater sludge • Thickening before anaerobic digestion•

SLUDGE DRYER

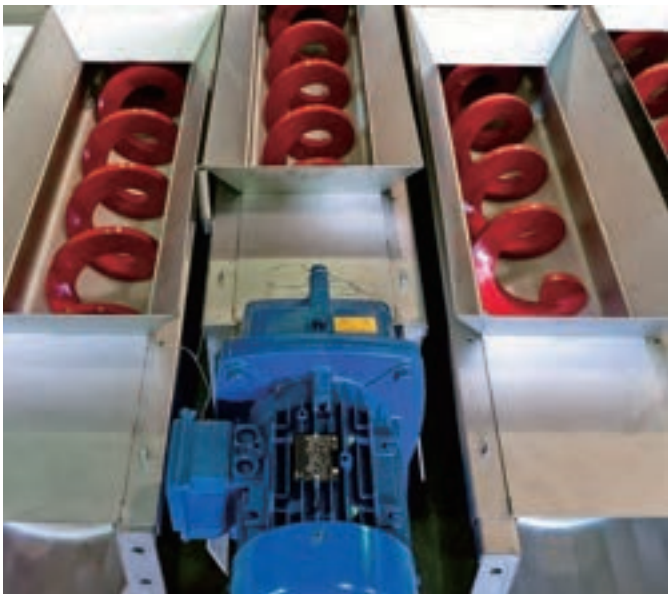
Sludge dryer is used to de-watering/drying of the sludge. It is very important for industry to produce as little sludge as possible as disposing of the de-watered sludge is a huge cost. Sludge dryer helps in achieving the same through the steam or heat conducting oil by method of evaporation.

Features

- Dries sludge upto 90%
- Reduces the sludge production to max for easy disposal
- Low foot print
- Lower CAPEX & OPEX
- Low payback period.

Applications

- Industrial Effluent



SCREW CONVEYOR

At wastewater treatment plants the screw conveyor is used for screening transportation or dewatered sludge transportation. The transportation is performed in a horizontal or inclined plane to a distance up to 30m.

Key Features

- Seamless shaftless / shofted screw enables more efficient transportation, prevents clogging and reduces drive load.
- Totally enclosed design, prevents from spillage and odor.
- Synchronized operation with other equipment reduces energy consumption.
- Conveyor body is made of SS304 stainless steel. Option in SS316
- on demand.
- Screw is made of carbonsteel or SS304 / SS316.
- Replaceable liners made of UHMW-PE / PE and ensure long life of conveyor.

Applications

- STP • SPS • CETP • Industrial Effluent

SCREW COMPACTOR

It is a high-performance equipment tested over the years of operation under various conditions for screening washing, compacting and transportation after screens.

Key Features

- Ability to operate under high mechanical load
- Different diameters screws, depending on the amount and content of screenings: 150mm, 250mm, 350mm
- Possibility of reverse movement to eliminate possible jamming.
- High-precision turning edges processing ensures precise work and stationary movement of the screw.

Applications

- STP • SPS • CETP • Industrial Effluent

Sprintex

SPRINTEX JET BLOWER

Jet Blowers are advanced centrifugal blowers designed to operate at speeds up to 100,000 RPM three times faster than conventional turbo blowers. Featuring a patented ultra-high-speed motor, Sprintex Jet Blowers are smaller, lighter, and quieter than even the latest turbo models.

Key Features

- Sprintex Jet Blowers are ultra high-speed blowers
- Ranging from 80,000 – 100,000 rpm
- 3x Faster than Turbo Blowers
- More Air, Less Energy
- Patented Flat Wire Motor
- Surge Protection Monitoring
- Adaptive Control Interface

G15 JET BLOWER SERIES

- G15 - 4kW - 30kPa HIGH FLOW
- G15 - 4kW - 40kPa HIGH PRESSURE
- G15 - 7.5kW - 30kPa HIGH FLOW
- G15- 7.5kW - 40kPa HIGH PRESSURE

Smart Aeration Solutions Benefits:

- **Energy Efficiency:** The G15 Jet blower delivers over 50% energy savings vs existing industry blowers.
- **Intelligent Control:** Features an integrated touchscreen for autonomous, smart operation, enhancing system management and efficiency.
- **Quiet Operation:** Remarkably quiet, bid farewell to unbearable noise & create a more pleasant work environment.
- **Durability and Easy-maintenance:** Offers and impressive two-year maintenance-free period. Self-service in with a quick, 10-minute self-service option available through the SAS maintenance kit.

G25 NEW GEN JET BLOWER SERIES

- G25 - 25kW - 100kPa
- G25 - 37kW - 100kPa

G25 Turbo Blower: Pioneering

Efficiency and Reliability:

- Exceptionally Energy-efficient: Outperforms up to 20% energy savings vs. Industry Turbo Blowers.
- Unsurpassed Durability: Extends to an impressive maintenance free lifespan of 5 years.
- Super Intelligent: Enables unmanned operation with integrated touch screen and programmed controlled active valves for anti-surge and anti-choke.
- Remarkably Quiet: Bid farewell to unbearable noises.
- Ultra-high-Power Density: Resulting in a total weight of only 150kg for the 37kW system.

Biodigester

BIODIGESTER T RANGE

A proven treatment plant since 2000, designed for smaller properties with eco-friendly, efficient wastewater management.

Key Features

- **Complete Treatment:** Total aeration, solids handling, and unique solids degradation.
- **Eco-Friendly:** Odour-free operation and self-emptying models, saving up to £200/year on waste disposal.
- **Durable Build: C**onstructed from glass-reinforced plastic (GRP).
- **Flexible Capacities:** Models for 8 population equivalents (PE): 6, 9, 12, 18, 24, 30, 36, and 42.

Applications • •

Townships Factories Industries

BIODIGESTER STANDARD RANGE

A bespoke sewage and wastewater treatment system designed for large estates accommodating 2000+ people, ideal for areas without mains drainage.

Key Features

- **Versatile Sizes**: Available in 2.6m, 3.5m, and 4m diameters.
- **Advanced Design**: Two-stage primary settlement, submerged aerated filter, and final settlement with automatic sludge return and recycle.
- **Robust Construction**: Made with durable GRP (glass-reinforced plastic).
- **Capacity**: Single tanks for 100–500 people; scalable for larger populations using multiple tanks.
- **Flexible Supply**: Components only or complete project execution.

Applications

• Townships • Factories • Industries

BIODIGESTER EK RANGE

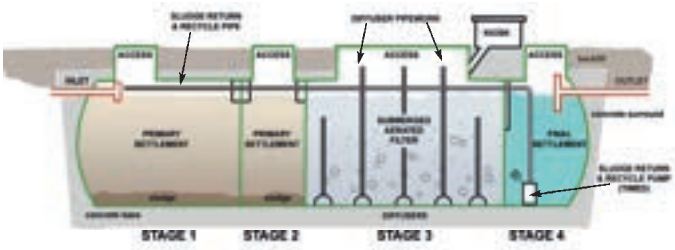
A customizable "Design and Build" sewage/wastewater treatment system, ideal for developing countries and remote locations

Key Features

- **Flexible Installation:** Tanks constructed locally (above or below ground) using Euroetck designs.
- **Versatile Process:** Options for total aeration or four-stage submerged aerated system.
- **Large Capacity:** Serves populations up to 5,000.
- **Low Maintenance:** Operable without specialist training and requires minimal upkeep.
- **Comprehensive Supply:** Euroteck provides all components, sizings, and diagrams for installation.
- **Proven Use:** Operational systems include a 1,500-person setup in Nairobi, Kenya.

Applications

• Townships • Factories • Industries



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"Unleashing the Best Solutions for Water and Wastewater Treatment by providing Equipment's & Technologies"

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