



SEWAGE TREATMENT PLANT & ORGANIC WASTE COMPOSTING MACHINE

K&C ENVIROTECH SERVICES

Water & Wastewater Treatment Solutions

ETP | STP | DM | TTP | Softener | Screw Press | Sludge Dryer | OWC

ABOUT US

K&C Envirotech Services, established in 2021, is a leading water and wastewater treatment plant design and manufacturing company with operations across PAN India. Our head office is located in Mumbai.

We specialize in delivering innovative, efficient, and sustainable solutions for water and wastewater treatment systems, primarily focusing on:

- Industrial Sector
- Commercial Sector
- Building Sector
- Hotels & Hospitality Sector

Our experienced team of sales, mechanical, and electrical engineers ensures technically sound design, seamless execution, and reliable performance of every project.

WHY CHOOSE US?

✓ Integrated Environmental Solutions

We provide complete design consultancy and equipment solutions for ETP, STP, DM, TTP, and Water Softening Systems—ensuring seamless execution from concept to commissioning.

✓ Technical Expertise & Process-Driven Design

Our engineering approach focuses on performance optimization, regulatory compliance, and long-term operational efficiency. Every system is customized to meet specific industry requirements.

✓ Compliance & Sustainability Focus

We design systems aligned with environmental standards and pollution control norms, ensuring clients meet regulatory requirements while promoting water reuse and waste reduction.

✓ Cost-Effective & Energy-Efficient Solutions

Our solutions are engineered to reduce operational costs, power consumption, and downtime—maximizing ROI for our clients.

✓ Client-Centric Approach

We believe in long-term partnerships. Our team ensures transparent communication, timely project delivery, and dedicated after-sales support.



Our Vision

To become a trusted and leading environmental engineering company in India, delivering innovative, sustainable, and cost-effective water and wastewater treatment solutions that contribute to a cleaner and greener future.

Our Mission

To ensure customer satisfaction through timely project execution and strong after-sales support & promote environmental sustainability by reducing water pollution and encouraging water reuse and resource recovery.

Core Values

- Integrity
- Innovation
- Sustainability
- Quality Excellence
- Customer Commitment

▲ SEWAGE TREATMENT PLANT (STP)

The Sewage Treatment Plant (STP) is designed to treat domestic wastewater generated from residential, commercial, and industrial facilities. The system effectively removes suspended solids, organic matter, nutrients, and harmful contaminants to produce treated water that meets pollution control discharge or reuse standards.

▲ PACKAGED & MODULAR K&C SEWAGE TREATMENT SYSTEMS

The K&C Packaged Modular Sewage Treatment Plant (STP) is a compact, factory-fabricated system designed for efficient treatment of domestic wastewater. The plant is engineered as a ready-to-install unit, ensuring quick installation, minimal civil work, and easy scalability.

The system incorporates advanced biological treatment technologies such as **MBBR / MBR / ASP / SBR** to achieve treated water quality as per pollution control norms. Its modular design allows flexibility in capacity expansion and relocation if required.

▲ Key Features:

- Compact and space-saving design
- Factory-assembled and skid-mounted
- Quick installation and commissioning
- Energy-efficient operation
- Reuse-ready treated water
- Modular and scalable design
- Easy operation and Low maintenance
- Treated water suitable for reuse



▲ K&C ORGANIC WASTE COMPOSTING (OWC) MACHINE

At K&C, we design advanced **organic composting machines** that turn everyday waste into value. The Organic Waste Composting (OWC) Machine is an advanced and eco-friendly solution designed for the efficient treatment of biodegradable waste such as food waste, vegetable waste, garden waste, and other organic materials. The system accelerates the natural composting process through controlled aeration, mixing, and microbial action, converting organic waste into nutrient-rich compost within 24–48 hours

The OWC machine is compact, odor-free, energy-efficient, and suitable for residential complexes, hotels, commercial buildings, industries, hospitals, and institutions. It helps in reducing landfill dependency, lowering transportation costs, and promoting sustainable waste management practices.

▲ Key Features:

- Rapid Composting Cycle – Ready compost in less than 3 days
- Handles All Waste Types – Cooked/uncooked food, vegetables, non-veg, leaves, and garden waste
- Odourless & Hygienic – Fly-free, noise-free, eco-friendly operation
- Fully & Semi-Automatic Options – Choose between semi-automatic composting machines and automatic composting machines
- Low Running Costs – Durable, energy-efficient design
- Compact & Space-Saving – Suitable for housing societies, hotels, corporates & institutions

Whether you need an automatic food waste composting machine for high-volume waste or a smaller food waste composting machine for residential use, K&C Envirotech delivers customized solutions.

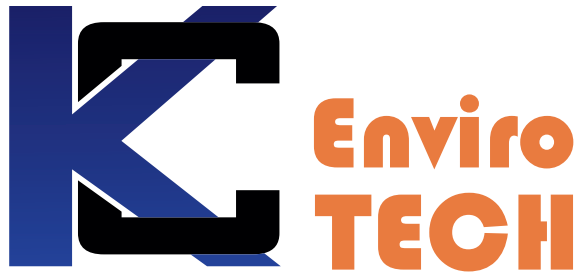
▲ Applications:

- Industrial process water
- Boiler & cooling tower feed
- Pharmaceutical & food industries
- Commercial complexes
- Water recycling and reuse system



We manage your Waste; you manage the Rest...!

Model	Fully Automatic	Semi-Automatic	Natural Composter
Capacity Availability	10 kg/day – 5000 kg/day	10 kg/day – 5000 kg/day	10 kg/day – 5000 kg/day
Inbuilt Shredder	Optional	Optional	Optional
Bio-culture	1 g/kg of organic waste	1 g/kg of organic waste	1 g/kg of organic waste
Curing System	Not required	Required	Inbuilt Digester
Operation	<ul style="list-style-type: none"> The machine operates on an in-vessel mixing and composting principle, ensuring controlled and accelerated decomposition. The system runs automatically within a 24-hour cycle, providing continuous and efficient processing of organic waste. Minimal operator intervention is required, with only 1–2 hours of manpower per day, depending on plant capacity 	<ul style="list-style-type: none"> The processed waste is handled in batches and transferred to a curing system, where final compost stabilization takes place. The curing process ensures complete decomposition and improves compost quality. Manpower requirement is approximately 6–8 hours per day, depending on the plant capacity and waste quantity 	<ul style="list-style-type: none"> Organic waste is loaded into an insulated rotating drum. The drum is mounted on four heavy-duty rollers, which enable smooth and uniform rotation. The rotation ensures proper mixing, aeration, and faster composting of the waste material. The system operates in both Manual and Automatic modes. The rotation timing and operational settings can be adjusted as per process requirements
Composting	<ul style="list-style-type: none"> Initial cycle takes 48-60 hrs. Then regular cycle of 22-24 hrs. Bio-culture is required Compost is of high quality but in low quantity. 	<ul style="list-style-type: none"> Initially it takes 12 days then output on regular basis. Bio-culture is required Compost is of quality exceptionally good as compared to fully automatic machine & completely natural. 	<ul style="list-style-type: none"> Initially it takes 10-12 days then output on daily basis. Bio-culture is required Compost is of quality exceptionally good as compared to fully automatic machine.
Area Required	Minium required area we can customize machine size for its proper functioning.	It required approx. 3-4 times larger area required compared to fully automatic machine.	It required larger area required compared to fully automatic machine.



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