3R URBAN SOLUTIONS

We do not inherit the earth from our ancestors, We borrow it from our children.



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3R URBAN SOLUTIONS

3R Urban Solutions Private Limited (www.3rurban.com) is one of India's leading manufacturers of the latest and technologically advanced state-of-the-art food and organic waste composting machines and biogas plants

Headquartered in Pune, Maharashtra, and founded in 2014, we provide sustainable, eco-friendly and affordable waste management solutions to the problems faced by millions, as a direct result of rapid urbanisation, with the help of cutting edge technology and staying the best in class



Let's welcome a greener future



Our Vision

To create a futuristic and sustainable world of waste management, revolutionizing it with next generation composting, up cycling and waste- to-wealth solutions .
To emerge as a global leader in waste management solutions, and empower the urban communities to thrive in harmony with Mother Nature by reversing the negative environmental impacts of human activities and transforming waste into valuable resources

Our Mission

Develop innovative waste management products and processes with ground breaking Artificial Intelligence powered technologies. Collaborate with the key partners domestically and internationally to drive widespread awareness and foster a global movement towards a sustainable environment.

Waste Management Solutions to the World

Our machines are manufactured at our factory, using top-quality raw materials, sturdy automatic machine systems and advanced safety features integrated with the latest technology including Artificial Intelligence and Cloud Composting

Reasonably priced, our machines are manufactured with an idea to popularise its usage. Compost generated from our machines has passed several quality tests in India and abroad and bears top certification of its rich nutrient values.
We manufacture machines with per day waste processing capacities ranging from 25 kgs to 2500 kgs

3R Urban Solutions Private Limited, today, exports composting machines to more than 11 countries viz. Spain, Philippines, Qatar, Kuwait, Maldives, Kyrgyzstan, Bahrain, Netherlands, France, Australia and USA. We are growing globally, having successfully commissioned more than 700 installations, both domestic and international.

We are building up our international dealer network to ensure our proudly “Made in India” machines reach worldwide to address the problems faced by many countries



Growing globally

700+ successful installations
12 countries

Our Accomplishments

We are specialists in manufacturing highly customized and data analytics efficient machines to a broad spectrum of clients with unique needs.

We were the Winners of the NYCX Co-lab Challenge in 2018 to reduce waste and increase recycling conducted by the New York Mayor's Office in Brooklyn, USA.

Our compost tested in MOEF-approved labs adheres to MSWM 2016 rules

The high-quality city compost generated inside the machine is free from harmful pathogens and is approved by US FD and MOEF Approved Labs.



OUR PROUDLY 'MADE IN INDIA' MACHINES



The Schnell Komposter

Scan here
to know more

The Schnell Komposter

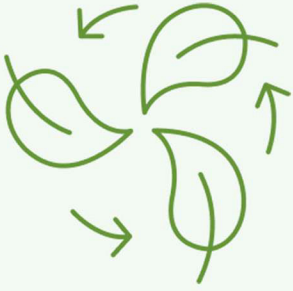
The Schnell Komposter is our flagship product

The Schnell Komposter is a fully automatic composting machine designed for rapid composting performance

Converts organic waste into compost in 24 hours.

The machine is very silent in operation, gives out no odour and reduces the volume of the waste up to 90%
Very advanced operational safety mechanisms in place
Is fully automated and hence needs very less human intervention

The Schnell Komposter assists data based waste management solutions with advanced Ai and Cloud Composting features



OUR PROUDLY 'MADE IN INDIA' MACHINES



The Roto Komposter

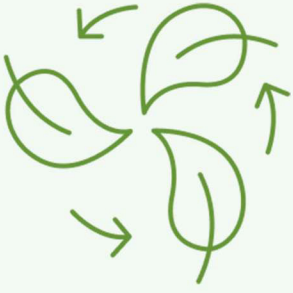
Scan here
to know more

The Roto Komposter

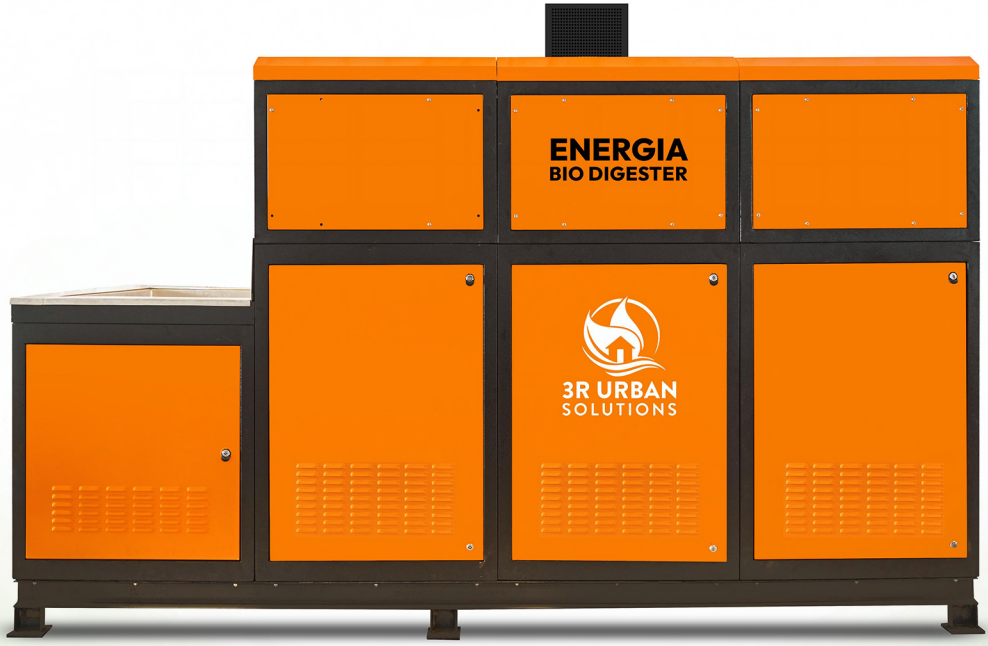
The Roto Composter is a fully automatic in-vessel composting machine designed for quick composting performance that converts food and organic waste into compost in 14 days.

The salient features being :

+ Fully automatic operation
+ Silent operation
+ Up to 50% volume reduction of waste
+ No waste water, odour & leachate
+ Low labour
+ Very low maintenance
+ Low electricity consumption
+ End product is 100% natural organic compost
+ The Roto Komposter assists data based waste management solutions with advanced Ai and Cloud Composting features



OUR PROUDLY 'MADE IN INDIA' MACHINES



ENERGIA BIO DIGESTER

Scan here
to know more

ENERGIA
BIO DIGESTER

In a strategic and significant milestone move towards sustainable energy solutions, we also successfully developed and manufactured our first Biogas plant, ENERGIA BIO DIGESTER in November 2024 .This advancement demonstrates our company's commitment to innovation and growth, besides expanding our existing portfolio of core competency in waste management solutions.



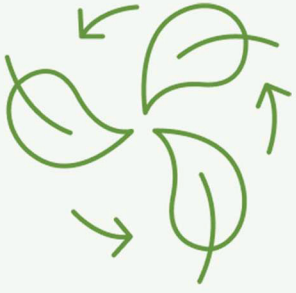
Biogas plant: a sustainable energy solution

A facility that produces biogas, a renewable energy source, through anaerobic digestion. This process involves breaking down organic matter, such as agricultural waste, food waste, or animal manure, in the absence of oxygen.

A biogas plant involves introducing and segregating the organic waster which is fed into a unit called Digester. Here, the microorganisms break down the organic matter , producing biogas which can be harnessed further for cooking, heating, electricity generation and even vehicle fuel . There is zero wastage here as the digestate can be used as liquid fertilizer

Biogas enables

- Reduced dependence on fossil fuels
- Waste reduction from going to the landfills and conversion into valuable energy (gas or electricity)
- Fertilization as the by product can be used as nutrient rich fertilizer
- Reduces greenhouse gas emissions



Data-driven solutions for a sustainable future

Our machines generate invaluable data that empowers you to optimize waste management strategies.

We provide actionable insights to :

- Maximize resource efficiency
- Reduce environmental impact
- Achieve sustainability goals

3R Urban Solutions is at the forefront of data-driven waste management, offering solutions that help you build a greener future



Our composting machines and biogas plants are beneficial for the following businesses

- Canteen & Cafeteria
- Resorts
- Apartments
- Rehabilitation Centres
- Places of Worship
- Corporate Campuses
- Food Processing Plants
- Devotional Centres
- Hotels
- Villas
- Prison & Correction Facilities
- Animal Farms
- Government Institutions
- Food Delivery Services
- Hospitals
- Malls
- Townships
- Food Banks / Not for Profits Organisation
- Universities/ Colleges / Schools
- Convention Centres
- Supermarkets
- Wellness Centres
- Restaurants
- Municipalities & Corporations
- Farmer Markets
- Agriculture Farms
- Event Venues
- Landscaping Companies



Ambitiously Forward:
Leading the Way in Sustainable Solutions

We are excited to announce our ambitious plans to expand our product portfolio and focus on sustainable energy solutions. In addition to our existing food composting machines and biogas plants, we will soon introduce **bottle crushers, baler machines, kitchen composters, anti smog guns and organic waste converted animal feed** to meet the growing demand from domestic and international markets.

Our commitment to sustainability is unwavering. We aim to provide innovative and cost-efficient solutions to our customers, for the betterment of our environment













Note : Images are for representational purposes only

Our Prestigious Clients

Real Estate

Godrej | PROPERTIES

Shapoorji Pallonji

Rustomjee

Shriram Properties
Homes that live in you

Prestige GROUP
Add Prestige to your life

Appaswamy REAL ESTATES

Piramal Realty

Mahindra Lifespaces

OBEROI REALTY

TATA HOUSING

RUNWAL

Hospitality

Radisson BLU

HYATT PLACE

Fairfield BY MARRIOTT

K|H|R KEY HOTELS & RESORTS

Hard Rock CAFE

redfox TREE HOTELS

Spree

lemon tree PREMIER

DOUBLETREE by Hilton

THE LALIT

THE Residency

AURIKA HOTELS & RESORTS

Our Prestigious Clients

Corporate clients

































Overseas clients









Our Prestigious Clients

Education

OBEROI INTERNATIONAL SCHOOL
FREEDOM TO THINK. EMPOWER TO BE...

SOPHIA COLLEGE
AUTONOMOUS

CHITKARA UNIVERSITY

Malls

forum
A PRESTIGE GROUP ENTERPRISE

OBEROI REALTY

R City
SO MUCH AWESOME

THE PAVILLION

PHOENIX MARKETCITY

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