

# PHOENIX INDIA SOLUTIONS

## AOWC



- The **Automatic Organic Waste Converter** is an eco-friendly machine designed to efficiently process food and organic waste into nutrient-rich Supplement.
- Ideal for Residential complexes, Hotels, Institutions, and Industries, it automates the decomposition process using heat, moisture control, and microbial action.
- The system is odor-free, compact, and requires minimal manual intervention, making waste management seamless and sustainable.
- This machine supports zero-waste initiatives and promotes greener living.
- **Capacity: 25 kg to 2000 Kg per day**

- The **Automatic Sludge Dehydrator** is an advanced system designed to efficiently separate water from sludge generated in **Industrial ETP and municipal wastewater treatment processes, ETP plant of Food Processing units**
- It reduces sludge volume significantly, lowering disposal costs and improving handling efficiency.
- With **minimal energy consumption** and user-friendly controls, the dehydrator operates with high reliability and low maintenance.
- Compacting Design, **contributing to cleaner, more sustainable wastewater management**
- **Capacity: 100 kg to 2000 kgs per cycle**



## SLUDGE DEHYDRATOR



- The **Horticulture & Garden Waste Shredder Machine** is a robust solution for managing organic waste from parks, gardens, and landscaping activities.
- Designed to shred leaves, branches, twigs, and grass clippings into fine mulch, it aids in easy composting and volume reduction.
- Built with **durable blades and a powerful motor**, the machine handles both soft and fibrous green waste efficiently.
- Ideal for municipalities, housing societies, and nurseries, this shredder **promotes eco-friendly disposal and supports sustainable gardening practices**

- It **converts Horticulture & Garden waste into biochar** through the process of pyrolysis—heating materials in the absence of oxygen.
- **Waste to Wealth:** Converts crop residues, sawdust, coconut shells, and other biomass into valuable biochar, reducing environmental pollution.
- **Soil Enrichment:** Biochar enhances soil fertility, improves water retention, and promotes microbial activity, supporting sustainable agriculture.
- **Economic Opportunity:** Offers income generation for farmers and entrepreneurs through the sale of biochar.



## BIO-CHARCOAL MACHINE