



**Transforming Waste Into Growth**

## About Us

The Green Machine Company, a new venture by Baynee Industries Ltd., is committed to turning organic waste into valuable resources through innovative, eco-friendly solutions. We manufacture composting and dewatering machines tailored for diverse industries. Our mission is to make waste management efficient, sustainable, and impactful. Together, we create a greener tomorrow — one machine at a time.

## Mission

At The Green Machine Company, we are committed to driving environmental innovation and sustainability. Our Products reflect our intent of creating waste from value. Our mission extends beyond a transactional relationship, we empower our clients to implement effective and sustainable environmental practices

## Vision

At The Green Machine Company, we envision a world where sustainable solutions and environmental stewardship converge to create a harmonious balance between human activities and the planet. Our vision is to lead the way in innovative environmental engineering, setting new standards for responsible practices that foster ecological resilience and social well-being.

## How We Help

- Innovation- In-house R&D delivering customized waste management solutions.
- Consulting- 1:1 expert-led planning for precise, effective outcomes.
- Client-Centric Approach- Solutions tailored accurately to your specific needs.
- Machinery & Equipment- Reliable, high-quality in-house manufacturing.
- Training & Maintenance- Ongoing support and training after installation to ensure success.

## Our Portfolio

1. **WasteMaster Machine (Imported):** Revolutionary technology that converts food waste into reusable material without bacteria, additives, or water.
2. **Composter Machine (Self-Manufactured):** Transforms organic waste into soil supplements, fostering greener agriculture.
3. **Dewatering Machine (Self-Manufactured):** Removes excess water efficiently from various waste types including sludge and industrial materials.
4. **Tuile Incense Sticks:** Tuile Incense Sticks are sustainably crafted from processed cow dung. Designed to deliver a long-lasting fragrance and burn, these eco-friendly incense are perfect for enhancing your spaces.
5. **Fertizo Fertilizer:** Organic output derived from waste using the Composter Machine reduces dependence on extra fertilizer and additives in soil.

# 1. Waste Master - Imported Machine

## WasteMaster - The Solution

**WasteMaster offers a sustainable approach to repurpose food waste efficiently with cutting-edge technology.**

- Food Waste Reduction – up to 80% volume reduction within 24 hours
- Sustainable – repurposing and valorising food waste and providing a circular solution for food waste
- Savings – Reduce costs of transport collections and associated carbon emissions
- Green House Gas Reduction – Every tonne of food waste saved from landfill prevents 4 tonne of carbon dioxide emissions
- Accurate Measurement – precise waste data for monitoring and cost reduction

## WasteMaster Features



**Integrated Bin Lifter**



**Auto Load and Offload  
No manual Handling**



**1 Button Operation  
Load and leave**



**No strict feeding schedule**



**Loading to suit customer  
process**



**Residue can be stored**



**Remote Diagnostics and  
Management**

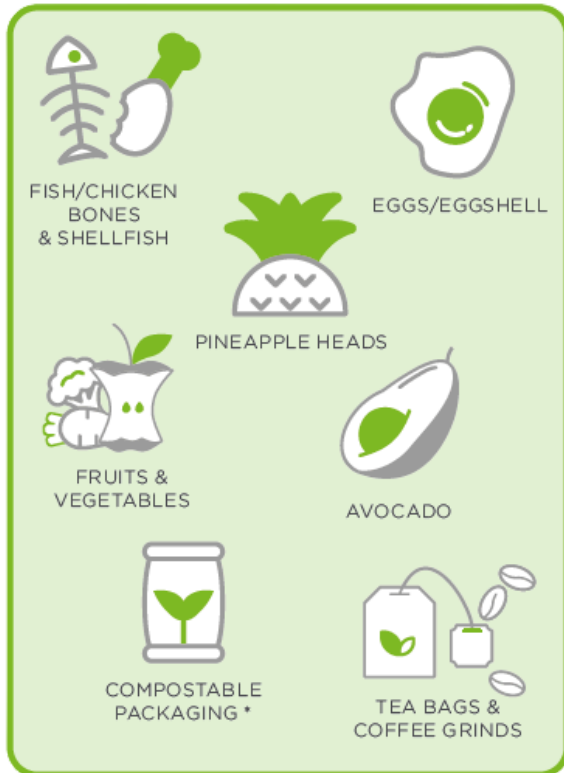


**Auto Measurement &  
Reporting of Waste**

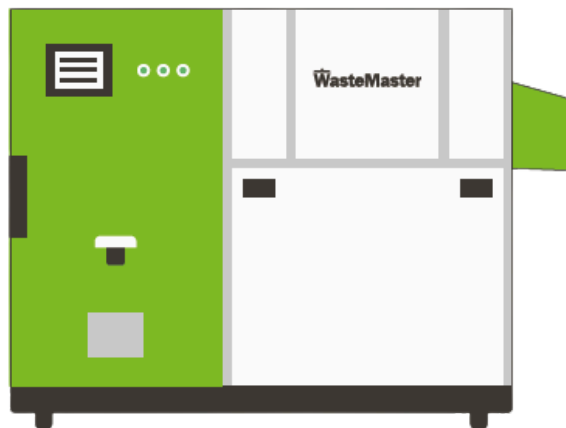
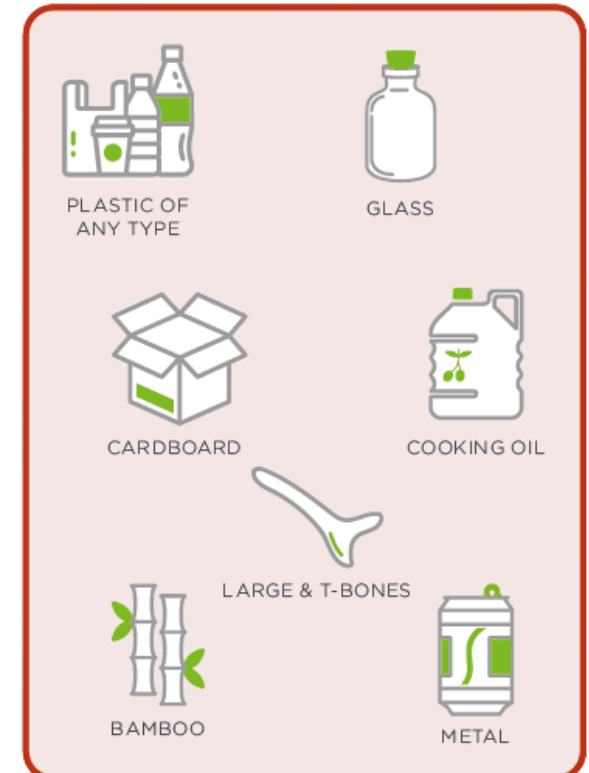


# Waste Master - Imported Machine - Usage Details

## What Can Be Loaded



The WasteMaster has been designed and engineered to be the most robust system on the market.



# Waste Master - Imported Machine - Technical Summary

## WasteMaster Models

- WasteMaster 200 – processes up to 200kg / 24 hours
- WasteMaster 400 – processes up to 400kg / 24 hours
- WasteMaster 800 – processes up to 800kg / 24 hours
- WasteMaster 5000 – in development



## Installation Requirements

- Power Supply for three phase circuit
- Level Surface
- Weather protection
- Access to ventilate to outside atmosphere



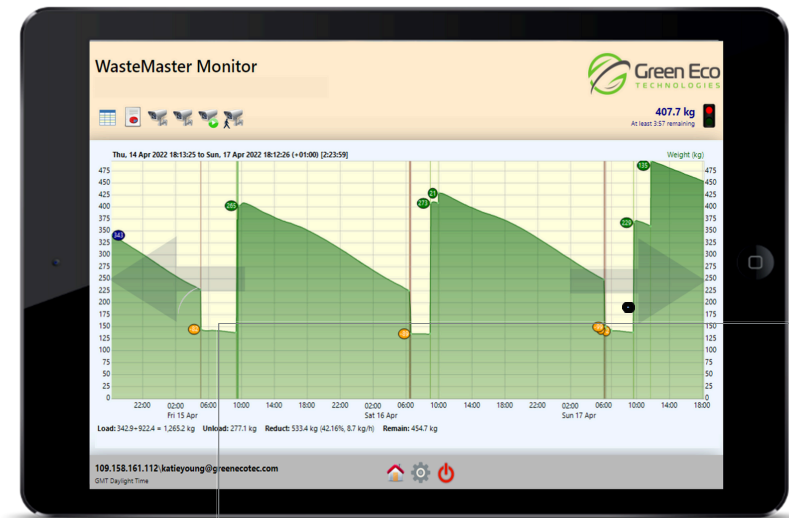
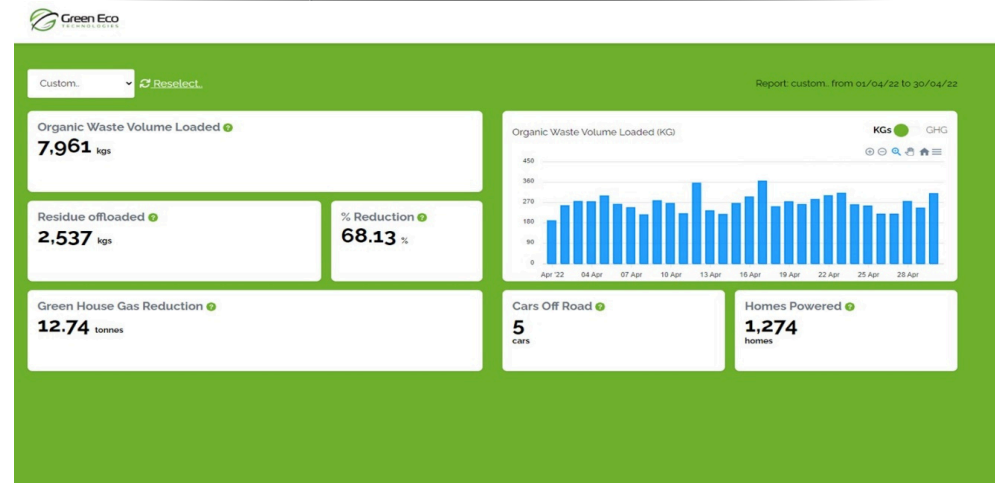
## Simple Operation

- No water required
- No drainage required
- No enzymes, microbes or bacteria required
- Low labour



# Waste Master - Imported Machine Servicing , Monitoring and Reporting

- **Servicing** - monthly routine maintenance schedule
- **GSM, Wifi or Network connectivity** - enabling monitoring and remote diagnostics 24/7/365
- **Comprehensive data capture** - ideal for capturing cost and CO<sub>2</sub>e reduction, ESG reporting and claiming carbon offsets.
- **Optional RFID technology** - allows for targeted food waste measurement by bin load.



# WasteMaster's Impact in Hospitals

**“WASTEMASTER: CLEAN, COST-EFFECTIVE AND SUSTAINABLE WASTE MANAGEMENT FOR HOSPITALS.”**

## **1. 1. Tackles High Food Waste Volumes**

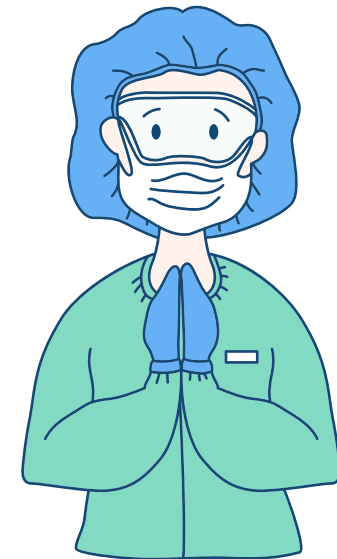
- Hundreds of meals served daily → large uneaten portions.
- Patients skip food due to low appetite, sleep, pain, or ward transfers.
- WasteMaster ensures all leftover food is processed, not piled.

## **2. Easy, Hygienic & Reliable**

- One-button operation → no extra workload for staff.
- 24-hour processing eliminates foul odours, pests, and hygiene risks.
- Volume reduced drastically → 5 bins of food waste compacted into 1.

## **3. Saves Cost & Supports Recycling**

- Up to 80% weight reduction → lowers waste disposal charges.
- Separating food waste keeps plastics, glass & paper clean for recycling.
- Fewer waste truck collections → reduced cost & carbon footprint.



## 2. Composter Machine by The Green Machine Co.

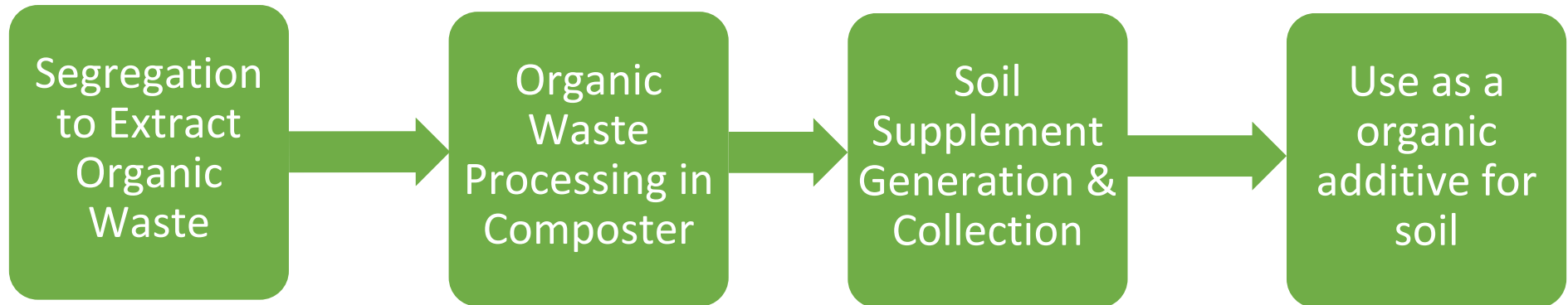
Our in-house Composter Machine is a smart, eco-friendly solution designed to convert daily organic waste into nutrient-rich input for soil, it is odor-free. Built for efficiency and durability, it's ideal for residential societies, hotels, institutions, and commercial spaces looking to manage waste sustainably.

### Key Features -

- Precision Composting
- High Capacity Performance
- Robust Construction
- User Friendly Operation
- Versatile Applications
- Energy Efficient
- Low Maintenance Requirement



## Composter Machine - Working



## Composter Machine - Usage Details

### Can Process

- ✓Vegetable & fruit peels
- ✓Meat, Poultry & Fish waste
- ✓Leftover food
- ✓Bakery items
- ✓Egg shells
- ✓Animal Manure
- ✓Tissue and Compostable plates
- ✓Flowers & Household plants
- ✓Fast food
- ✓Agricultural waste
- ✓Leaves & Garden Waste

### Can't Process

- xPlastic products
- x Glass products
- x Metals
- x Electronics
- x Hard substances
- x Medical & chemical waste
- x Thick Hard Raw bones
- x Coconut Shells & Branches
- x Plastic Coated Paper products
- x Cotton or Nylon material

# Composter Machine - Capacity Wise Machine details

| Capacity (kg/day) | Input Material (kg) | Output Compost (kg) | Feeding Time | Shredder Motor (HP) | Agitator Motor (HP) | Total Power (kW) | Volume Reduction (%) | Electricity Cost/Hr | Electricity Cost/KG |
|-------------------|---------------------|---------------------|--------------|---------------------|---------------------|------------------|----------------------|---------------------|---------------------|
| 10 kg             | 10                  | 2–3                 | 5-8 mins     | 0.5                 | 0.25                | ~0.4 – 0.95      | 60–70%               | 2.75                | 0.275               |
| 25 kg             | 25                  | 5–8                 | 10-12 mins   | 1                   | 0.5                 | ~0.75 – 2        | 60–70%               | 6.5                 | 0.26                |
| 50 kg             | 50                  | 10–15               | 12-15 mins   | 1                   | 0.5                 | ~2 – 3.9         | 60–70%               | 6.5                 | 0.13                |
| 100 kg            | 100                 | 20–30               | 15-20 mins   | 3                   | 1                   | ~3 – 5           | 60–70%               | 13.875              | 0.13875             |
| 150 kg            | 150                 | 30–45               | 20-25 mins   | 3                   | 1                   | ~3 – 5           | 60–70%               | 13.875              | 0.0925              |
| 200 kg            | 200                 | 40–60               | 25-35 mins   | 3                   | 1.5                 | ~4 – 6.5         | 60–70%               | 18.875              | 0.094375            |
| 300 kg            | 300                 | 60–90               | 35-45 mins   | 3                   | 2                   | ~6.5 – 8.5       | 60–70%               | 23.25               | 0.0775              |
| 500 kg            | 500                 | 100–150             | 45-60 mins   | 5                   | 3                   | ~8.5 – 9.5       | 60–70%               | 34.375              | 0.06875             |
| 1000 kg           | 1000                | 200–300             | 75-90 mins   | 7.5                 | 5                   | ~10 – 12         | 60–70%               | 56                  | 0.056               |
| 2000 kg           | 2000                | 400–600             | 120-150 mins | 10                  | 7.5                 | ~15 – 18         | 60–70%               | 83.25               | 0.041625            |

**NOTE** - A shift refers to 8 hours of machine operation, with typically 2 shifts in a day (some opting for 12-hour shifts). Input requires manual loading of larger waste forms into the machine, while output is machine-assisted, needing only a bucket to collect discharged material. The material undergoes size reduction through granulation and agitation, and volume is decreased mainly by aerobic digestion involving heat, bacteria, and accelerators that dehydrate the waste. Output weight is less than input due to loss of moisture and organic breakdown. Cost per shift covers labor charges only; electricity cost is calculated separately.

# Composter Machine - Benefits

## 1. Real Estate Space Utilization Benefits 🏢

- Kolkata real estate prices range from Rs 5,000 – Rs 12,000 per sq. ft.
- WasteWizard reduces waste area occupancy by 30-40%, freeing up valuable space.
- Space can be used for:
  - 🚗 Additional parking (bikes, cars, visitors).
  - 🏠 Extra residential/commercial units for higher revenue.
  - 🌿 Landscaped green spaces & recreational areas for better aesthetics.
- Revenue Potential:
  - Car parking rental: Rs 3,000 – 6,000/month per space.
  - Bike parking rental: Rs 500 – 1,500/month per space.
  - 10-15 additional car spaces = Rs 30,000 – 90,000/month in earnings.



## 2. Hygiene and Health Benefits 🏢

- ✗ Eliminates unpleasant odors from untreated waste.
- 🪰 Reduces flies, pests & bacteria, improving overall health.
- 🏠 Minimizes waste-related infections and enhances cleanliness.
- 🌱 Encourages responsible waste disposal & sustainability habits among residents.



## 3. Financial Benefits – A Self-Sustaining Investment 💰

Converts waste into high-quality organic fertilizer for extra income.

Fertilizer price: Rs 520 – 980/kg = profitable revenue stream.

🌱 Sell to farmers, gardening communities, or use for landscaping.

Investment Recovery: Machine pays for itself in ~2 years.

💰 Example Revenue:

- 500 kg fertilizer/month @ Rs 750/kg = Rs 3,75,000/month

Annual revenue: Rs 45,00,000

Reduces long-term waste management expenses, making it a cost-effective solution.



## 4. Green Building Certification & Compliance ♻️

✅ Earn IGBC Green Building Certification points.

🏆 Achieves 5+ sustainability points, boosting eco-rating.

⚖️ Aligns with environmental laws & municipal compliance, avoiding penalties.

📈 Increases property market value by attracting eco-conscious buyers & investors.

🌍 Supports CSR & sustainable community development for developers.



### 3. Dewatering Machine by The Green Machine Co.

Our Dewatering Machine is a high-efficiency solution designed to quickly and effectively reduce the moisture content in organic waste. It separates solid and liquid components, making the waste lighter, easier to compost or use as per need, and simpler to manage or dispose of. Built with durable, energy-efficient technology, it is ideal for hotels, kitchens, residential societies, institutions, and industries aiming for sustainable waste management.

Available in a range of sizes to suit different capacities, our dewatering machines can also be customized as per specific client needs, ensuring the perfect fit for every scale of operation. Whether small, medium, or large volume waste, we provide tailored solutions that combine performance, reliability, and ease of use.

#### *Features*

- Precision Composting High
- Capacity Performance
- Robust Construction User
- Friendly Operation
- Versatility in Application
- Energy Efficient Low
- Maintenance Requirement

#### *Useful for*

- Food Industry
- HORECA
- Municipalities
- Hospitals
- Commercial
- Complex Malls
- Super Markets
- Small & Medium Scale Industries



### 3. Dewatering Machine - Model Details

| MODEL NO | INLET FLOW RATE (M3/HR) | DRY SLUDGE (KG/HR) | POWER CONSUMPTION (KW) | DIMENSION (MM) |      |      | RINSING WATER CONSUMPTION (L/H) | WEIGHT (KG) |
|----------|-------------------------|--------------------|------------------------|----------------|------|------|---------------------------------|-------------|
|          |                         |                    |                        | L              | W    | H    |                                 |             |
| GDM 10   | 0.5                     | 1-7                | 0.3                    | 1700           | 700  | 1000 | 15                              | 250         |
| GDM 20   | 1.0                     | 8-14               | 0.5                    | 2000           | 900  | 1100 | 20                              | 290         |
| GDM 30   | 3.0                     | 15-30              | 0.6                    | 2100           | 1000 | 1200 | 45                              | 340         |
| GDM 40   | 6.0                     | 31-50              | 0.75                   | 2600           | 1050 | 1500 | 60                              | 480         |
| GDM 50   | 10.0                    | 51-110             | 0.95                   | 3000           | 1200 | 2000 | 75                              | 610         |
| GDM 60   | 20.0                    | 111-200            | 1.5                    | 4000           | 1350 | 2500 | 100                             | 1250        |
| GDM 70   | 40.0                    | 201-400            | 2.5                    | 5100           | 1500 | 3200 | 120                             | 1900        |

Dewatering Machine can be customized as per size. For more information on associated cost and investment , please connect with our team.

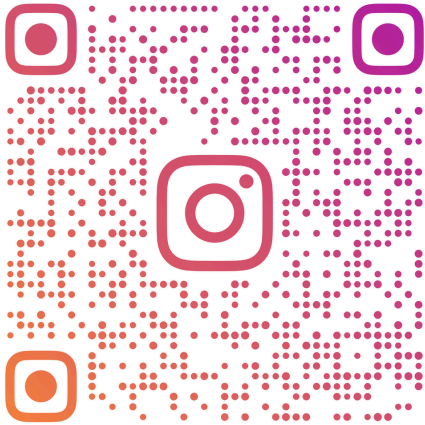
## 4. Tuisle Incense

Step into a world where sustainability meets spirituality with Tuisle Incense. Crafted with care and deep respect for nature, Tuisle offers more than just a captivating fragrance — it embodies a commitment to eco-conscious living, traditional craftsmanship, and social impact. The cow dung used in our incense is ethically sourced from well-bred, hygienically maintained cows, ensuring purity and respect for the environment. Blended with natural fragrances, Tuisle Incense is ideal for homes, workplaces, and spiritual practices.

At Tuisle, we proudly promote women empowerment — the entire brand is developed, managed, and run by women. Our packaging is thoughtfully done by women from economically underprivileged backgrounds, helping create livelihoods and supporting community growth. Each incense is carefully handcrafted, offering a clean, long-lasting burn that fills your space with therapeutic aromas and a deeper sense of purpose.

Available on Amazon , Flipkart and Messho.

Delivering PAN India.



**TUISLE\_ORGANICS**  
Follow us on Instagram.



## 5. Fertizo

Using our advanced Composter Machine, Fertizo is created by processing organic waste into a mineral-rich soil enhancer. This organic output improves soil structure, boosts nutrient content, and significantly reduces the dependence on chemical fertilizers and external supplements. When added to existing soil, Fertizo revitalizes it naturally, promoting healthier plant growth while supporting sustainable agricultural and gardening practices.

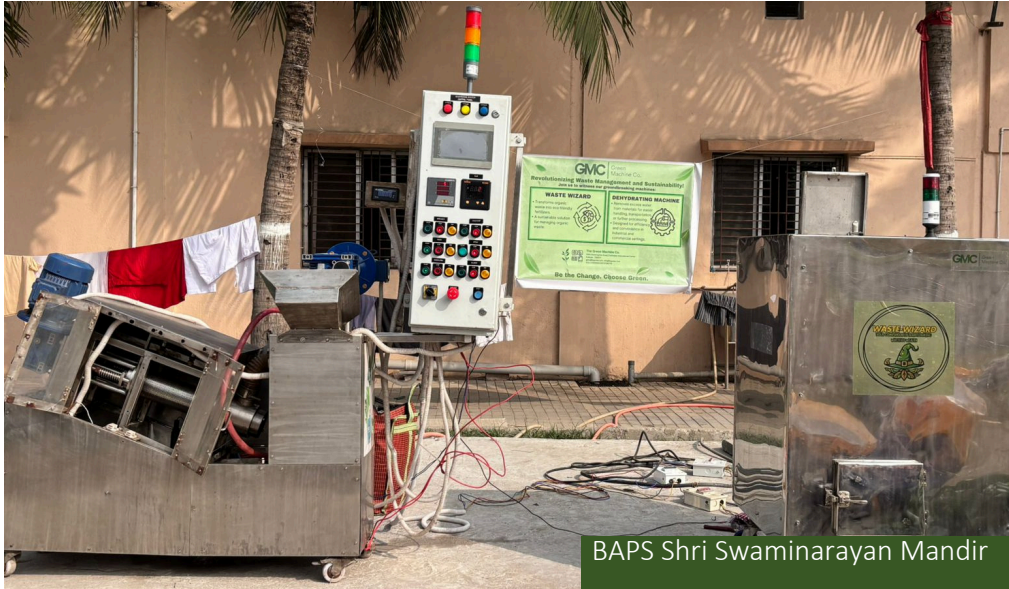
Available on Amazon.



# Where The Green Machine Company Makes an Impact

-  Hospitality Industry – Hotels, resorts, and restaurants with high daily organic waste output.
-  Corporate & IT Parks – Large office campuses looking to manage canteen waste sustainably.
-  Educational Institutions – Schools, colleges, and universities adopting eco-friendly initiatives.
-  Real Estate & Gated Communities – Apartment complexes and townships with in-house waste management needs.
-  Hospitals & Healthcare Facilities – Where hygiene and organic waste disposal is critical.
-  Supermarkets & Food Retail Chains – Handling spoiled or unsold organic products.
-  Agriculture & Food Processing Units – Managing peels, pulp, and leftover raw materials efficiently.
-  Manufacturing & Industrial Units – Especially food, FMCG, and packaging industries with byproduct waste.
-  Government & Municipal Bodies – For urban waste management and Swachh Bharat compliance.
-  NGOs & Environmental Organizations – Promoting composting and sustainable practices.

# Trusted by Leading Institutions and Communities



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First Women Exhibition



Diwali Gifting by FunPickle



Netwomen

## Contact Us -

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