




MEDMETAL INDUSTRIAL CLEANING DIVISION



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About Us.

Introduction

Medmetal International Trading is a leading trading company based in Qatar, specializing in the sourcing and supply of materials for the oil and gas industries. Our expertise lies in providing innovative solutions for metal scrap management, focusing on the collection and recycling of steel, aluminum, and copper. We are committed to supporting Qatar's National Vision 2030 by introducing sustainable practices in recycling and environmental protection.



Mission & Vision.

MISSION

At MedMetal International Trading, our mission is to deliver innovative and sustainable metal scrap management solutions to the oil and gas industry. We aim to provide high-quality materials through efficient sourcing, collection, and recycling processes, with a focus on steel, aluminum, and copper. By promoting environmentally responsible practices, we strive to contribute to Qatar's National Vision 2030 and play a key role in advancing the nation's sustainability goals.

VISION

At Medmetal International Trading, we envision becoming the premier partner for sustainable solutions in metal recycling and materials sourcing for the oil and gas industry in Qatar. Our goal is to lead the transformation toward a greener future by advancing efficient metal scrap collection and recycling processes, with a focus on steel, aluminum, and copper. Through innovation and dedication, we aim to support the nation's sustainable growth and long-term environmental protection initiatives. We actively support Qatar's environmental objectives by providing responsible metal waste recycling services. Our focus is on the collection and recycling of steel, aluminum, and copper, minimizing environmental impact and promoting a circular economy.



Our Waste Management services.

Our services are designed to meet the diverse needs of industries, businesses, and individuals, and safeguard that waste is handled with the utmost care, conformance, and sustainability. With a profound emphasis on high quality and a team of dedicated professionals, we offer a wide array of waste management responses tailored to your specific requirements. From sewage transfer services to garbage collection and the careful movement of hazardous waste, our technical know-how covers a broad spectrum of waste types.

POTABLE WATER SUPPLY

We supply sweet water in large quantity to different work sites and camps throughout the State of Qatar with a fleet of tankers with a highly skilled manpower to supervise the operation. We also offer the sweet water tankers on lease. We ensure the quantity and quality of our services



SEWAGE COLLECTION & DISPOSAL

We collect sewage water from households, camps, work sites etc. and dispose it in the treatment plant with a well procedure. We have highly featured modern equipment to collect and dispose it in good way. Our premium service has made us unique in sewage collection and disposal.



TSE WATER SUPPLY

We are collecting the treated sewage water from designated STP's and transporting the same to various domestic, agriculture and industrial sites in a timely and professional manner.



SKIP REMOVAL SERVICES

We provide a range of Skips of different sizes to suit our clients requirements. We understand the importance of the waste management in order to be a part of the Clean Qatar.



DUMPTRUCK SERVICES

Dump trucks are highly specialized commercial vehicles used for transferring various materials. The core features of most dump trucks are the same open-box bed, hydraulic cylinder, and a special tailgate opening that allows the dumping of the materials.





Non Hazardous waste :- Removal & Disposal Services

- Used Tyre
- Used Plastic cans & Drums etc.
- Wooden Pellets
- Construction/Demolitionwaste
- Bulky waste
- General Mixed waste
- waste water disposal
- Sewage disposal



TYRE WASTE

In collaboration with the Ministry, has made a concerted effort to protect the earth by successfully disposing of used tires in an eco friendly manner. This achievement underscores our collective reliability to ecological practices and mitigating the effects of tire waste in our habitat



PLASTIC WASTE

Our objective is to play a crucial role in reducing plastic pollution and fostering a more environmentally friendly future. We diligently collect plastic waste from various sources and verify it undergoes appropriate processing, aligning with our intensive emphasis on a greener and cleaner environment.



CONSTRUCTION & DEMOLITION WASTE

We offer seamless collection and disposal of a range of solid waste materials, including wood, concrete, metal scrap, and construction waste, all while upholding our pledge to dependable waste management.



BULKY WASTE

Medmetal is well-prepared with the essential equipment to proficiently transport and deliver large volumes of bulky waste to the appropriate waste disposal or recycling facilities. Our equipment ascertains a restructured and reliable process, contributing to efficient bulky waste management.



GENERAL MIXED WASTE

Our company employs allocated garbage trucks, including compactors, to proficiently collect municipal waste. This includes a wide range of waste, from household refuse generated in private residences to waste generated in labor camps and office spaces.



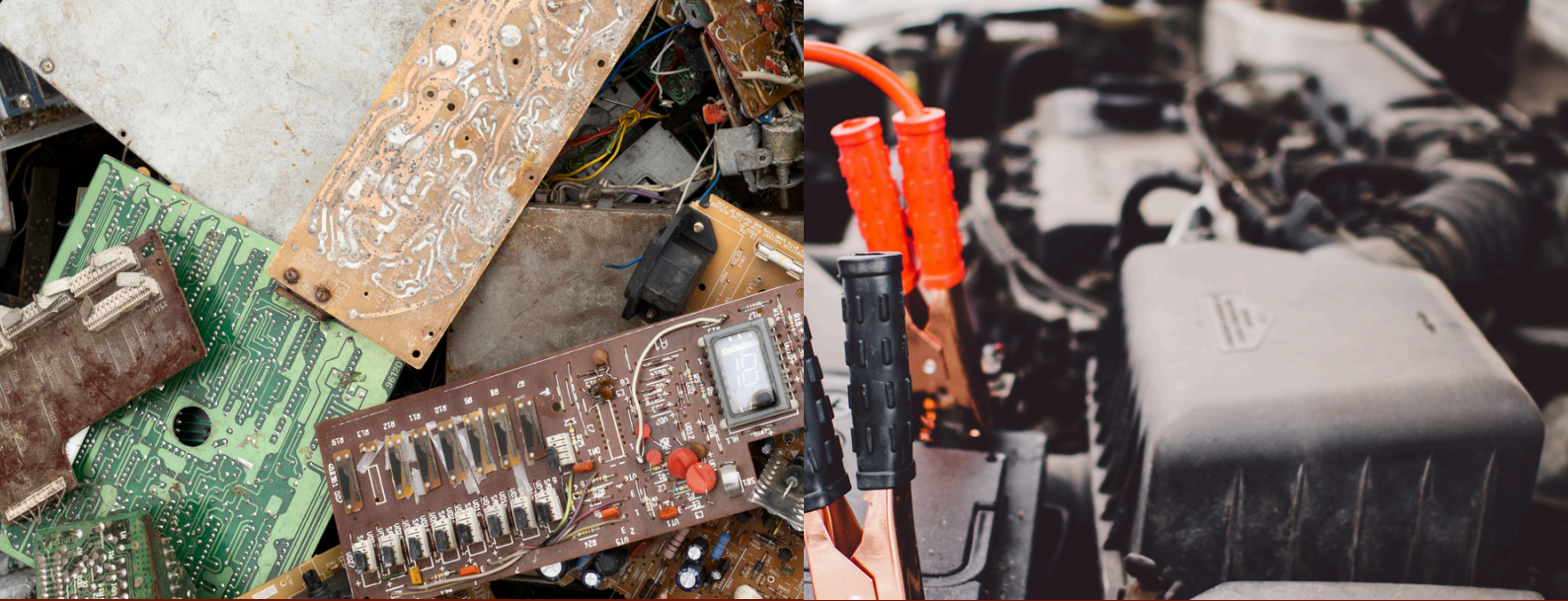
WASTE WATER

Medmetal is fully prepared to handle wastewater collection, transportation, and disposal with proficiency and precision. Our well-maintained fleet of tankers, combined with our experienced staff & drivers, undertake proficient and safe management of wastewater



SEWAGE

We excel in the safe and competent collection, transportation, and disposal of sewage and wastewater. Our advanced processes and well equipped teams assure dependable handling and adherence to conservational statutes, contributing to cleaner communities and maintainable water management.



Hazardous waste :- Removal & Disposal Services

- Chemical waste
- Used oil waste
- Oil filters
- Oily rags
- Chemical wash out water disposal
- Paint waste
- clinical & pharmaceutical waste disposal
- E-waste
- Used Batteries
- Industrial Sludge waste-chemical & grease



CHEMICAL WASTE

Medmetal's participation in handling chemical waste reflects our consistency in safety and rule observance. With specialized expertise, we manage the collection and transportation of chemical waste, mitigating potential risks and assuring proper disposal.



USED OIL WASTE

These services involve the collection, transportation, recycling, and reliable disposal of used oil waste, verifying it is managed in an ecological and compliant manner. Medmetal's capability in this field can help industries and businesses competently handle their used oil waste while adhering to legal regulations



PAINT WASTE

Our paint waste disposal service is designed to safely and responsibly manage and dispose of various types of paint waste. Whether you have leftover paint, paint containers, or paint-related materials, we offer an in-depth response for their proper disposal.



CHEMICAL WASHOUTS

Our professionals are trained to conduct thorough chemical washouts, reliably removing residues and contaminants from equipment or surfaces. By employing industry-approved methods, we establish that the waste generated during washouts is managed safely and responsibly.

Our Company Certification



Certificate of Registration

This is to certify that the Quality Management System of

MEDMETAL INTERNATIONAL TRADING

PO BOX: 13925, STREET NO. 303, ZONE 69, OFFICE NO. 34, 12TH FLOOR,
BURJ MARINA TOWER, LUSAIL, DOHA, QATAR

has been assessed and registered by TNV as conforming
to the requirements of:

ISO 9001:2015 (Quality Management System)

For the following Scope

TRADING IN FERROUS AND NON-FERROUS SCRAP MATERIALS.
SUPPLY AND EXPORT OF ABRASIVE GARNET, STEEL SHOT AND STEEL PRODUCTS.

*TNV is accredited by International Accreditation Services (IAS), Status of Certificate can be verified on
www.tnvgroup.org & www.iafcertsearch.org*

Certificate Number	211024017401	Initial Issue Date	24 th Oct. 2021
Current Issue Date	24 th Oct. 2024	Validity of this Certificate	23 rd Oct. 2027
1 st Surveillance Date	24 th Sep. 2025	Recertification due on	23 rd Oct. 2027
2 nd Surveillance Date	24 th Sep. 2026	Revision No./Date	00
Issue No.	02	IAF Code	29



Pragyes Singh, Director
TNV System Certification P Ltd.
(CIN : U74999UP2017PTC093178)

Regd. Off: TNV House, B-V/19/69, Sector-K, Aliganj, Lucknow -226 024 (U.P.) India, Mail: info@tnvgroup.org
Accreditation Board- 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA

Terms and Conditions:


1. Validity of this certificate is subject to the organization maintaining its system in accordance with respective Management System Standards along with TNV's requirements.
2. This certificate remains the property of TNV System Certification P Ltd., to whom it must be returned upon request.
3. Use of Logo must be in accordance with the requirement of the TNV and Accreditation board (if any) failure to meet the requirement shall be held liable for action.
4. This certificate is not final evidence of certification status, must be verified with current status as given in TNV's official website i.e. www.tnvgroup.org

MANAGEMENT SYSTEM CERTIFICATE


HAVE A PROJECT IN MIND?

CONTACT US FOR FURTHER INQUIRIES

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Biolife

Where food feeds the future.

MEDMETAL

INTERNATIONAL

ADDING VALUE, REDUCING WASTE, SUPPORTING QATAR

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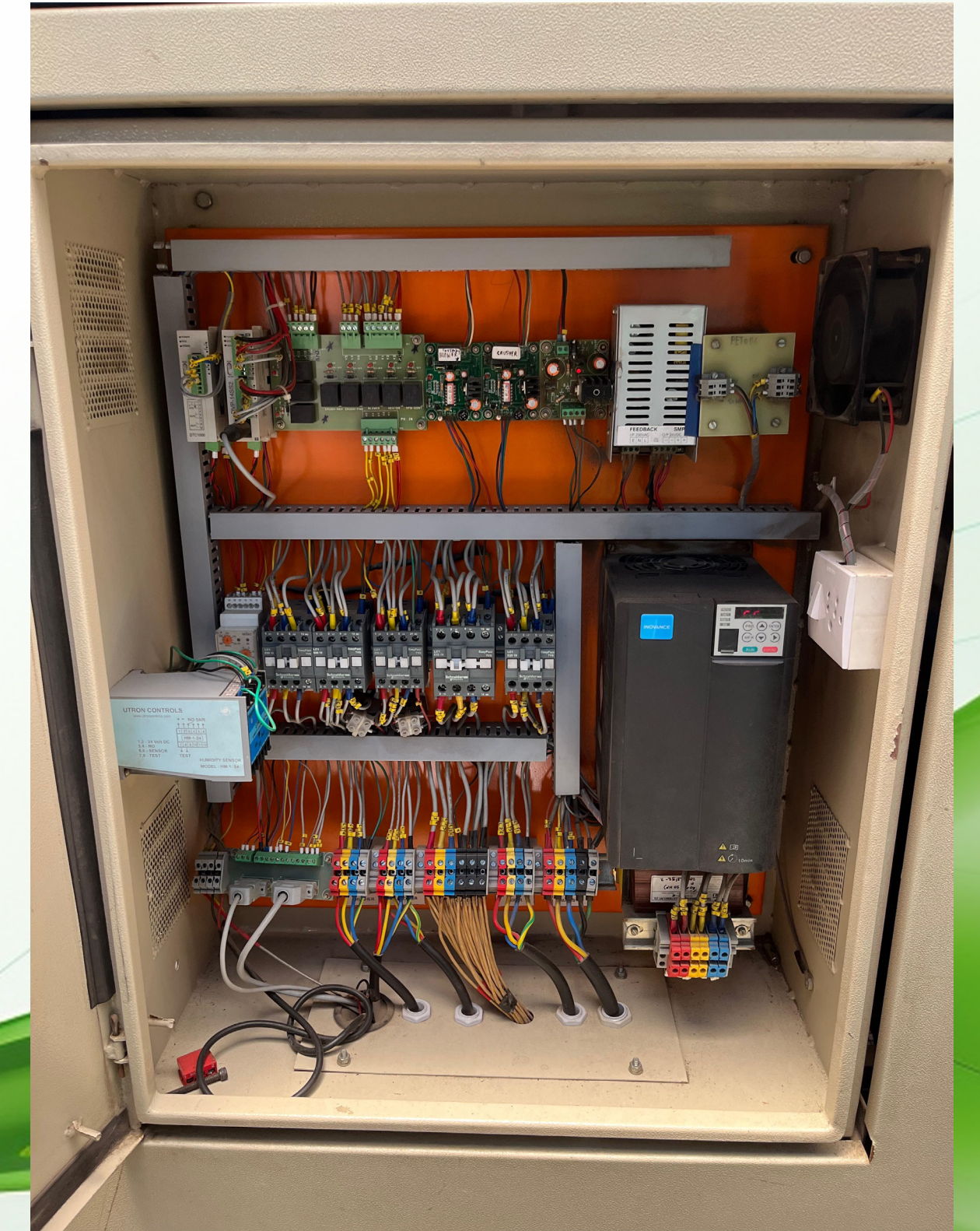
INTRODUCTION TO SMART XPRESS COMPOSTER

"INNOVATIVE BIO-MECHANICAL COMPOSTING FOR EFFICIENT WASTE MANAGEMENT"



WHAT IS AN ORGANIC WASTE COMPOST MACHINE?





SMART XPRESS COMPOSTOR:

Can Provide Machine for a tank Capacity from 50 kg/day - 1000 kg/day
(according to the capacity of waste we can feed each day)



COMPOSTING PROCEDURE:

- 1 Composting is a biological process which uses oxygen for degradation of organic waste to produce new smaller enriched biomass.
- 2 Composting needs oxygen, carbon additives, moisture and Microorganisms.
- 3 Compost can be used as soil conditioner/organic fertilizer in place of chemical fertilizer.



Process Flow



Collection of Organic waste



Segregated Organic waste



Output Compost



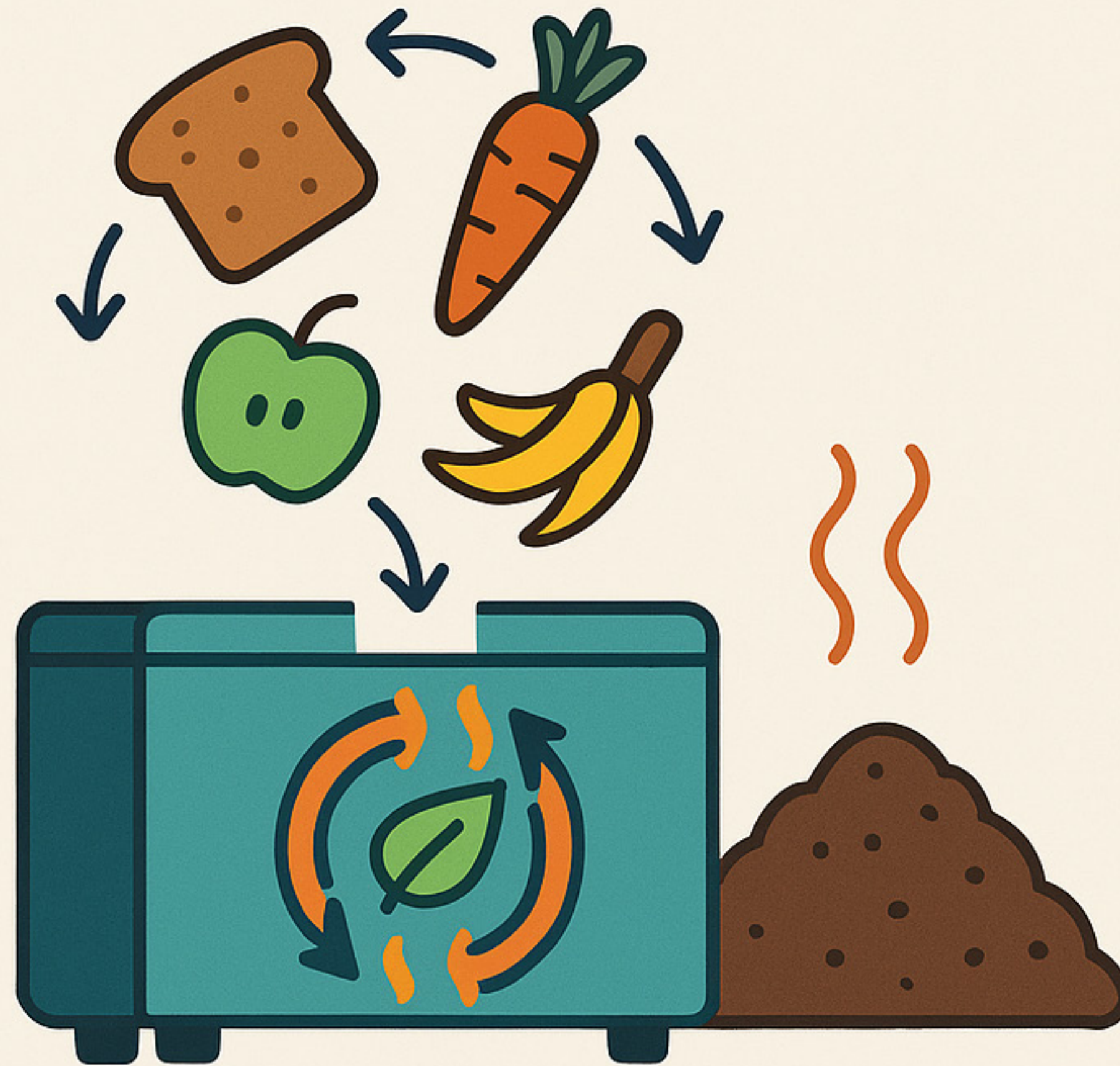
SMART Xpress Compostor

BIOLIFE FOOD DIGESTION MACHINE

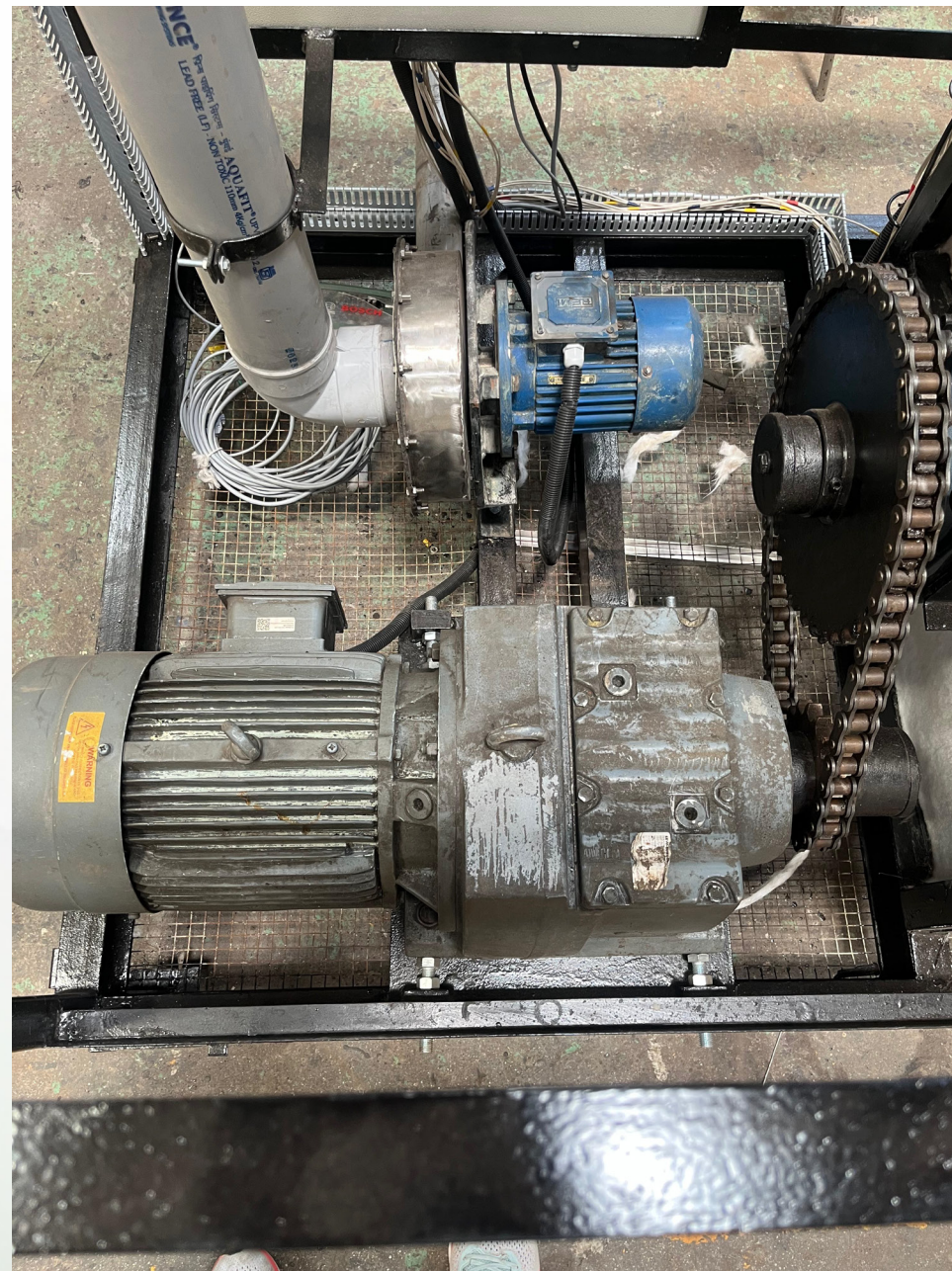
Key Highlights

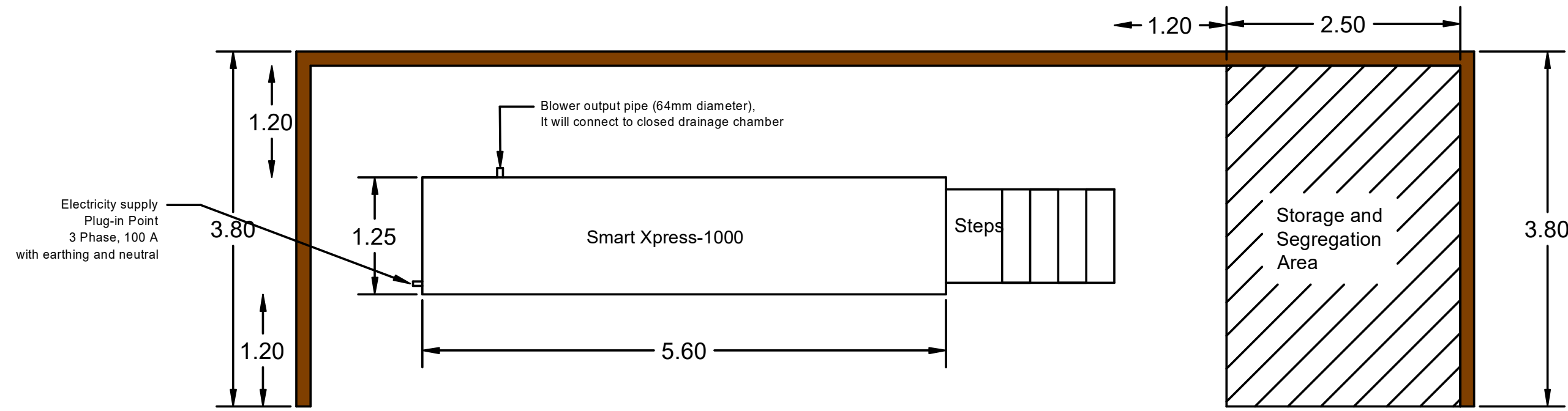
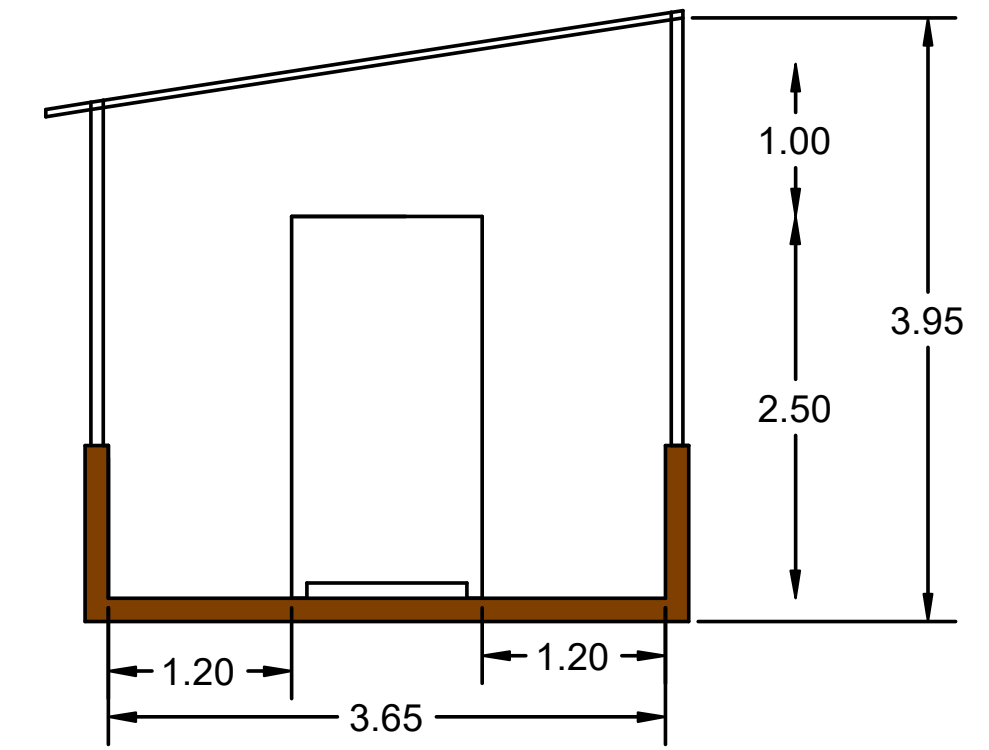
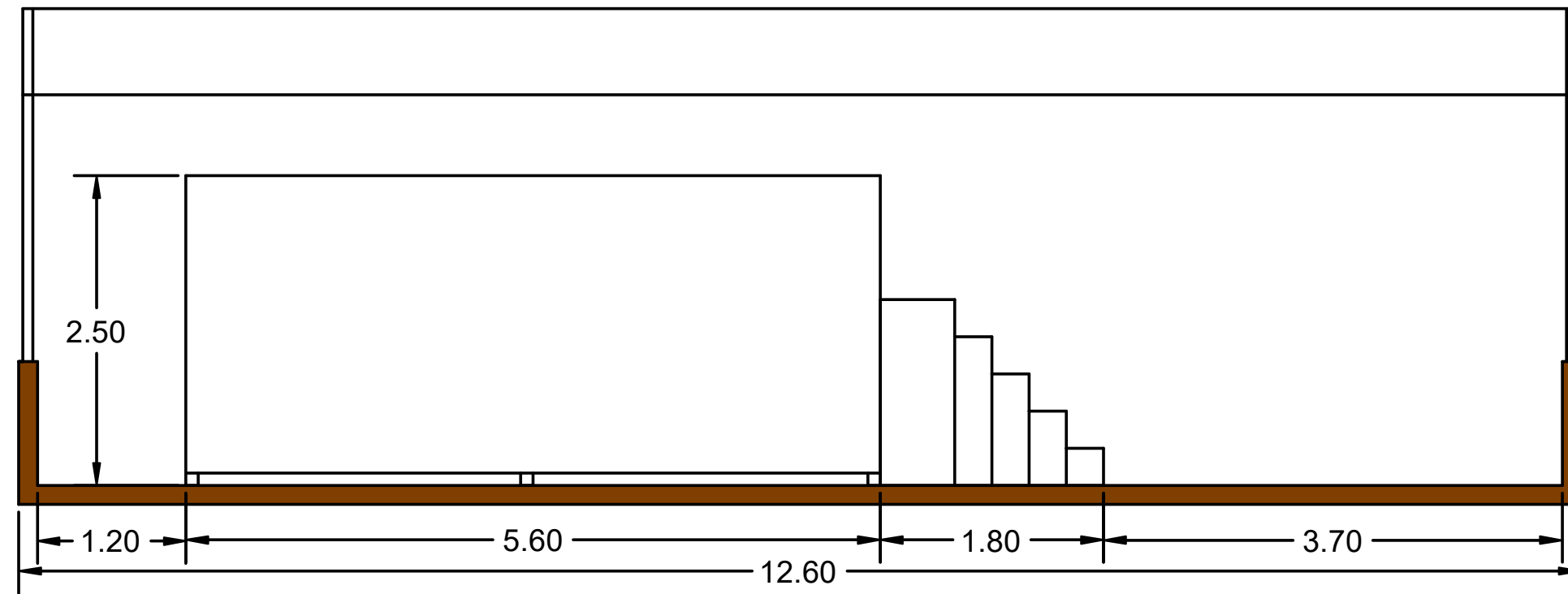
- Converts food waste into enriched biomass using aerobic thermophilic composting
- Built-in shredder handles tough materials like coconut shells and chicken bones
- Fully integrated system: includes shredding, heating, aeration, and curing Compact and efficient design for quick and hassle-free operation
- Ideal for sustainable waste management in urban and commercial settings

**Converts food waste
into enriched biomass
using aerobic
thermophilic composting**



SHREDDER AND MOTORS





Note: Three Side Half Brick wall, Keep Front Side Open

Installation Layout for Smart Xpress-1000 Composting Machine

SMART XPRESS COMPOSTER IS AN ADVANCED, BIO-MECHANICAL COMPOSTING MACHINE DESIGNED FOR EFFICIENT AND SUSTAINABLE WASTE MANAGEMENT.



Key Highlights:

Shredding, mixing, and composting all in one system.

Reduces waste volume and accelerates composting (2-3 days).

Produces nutrient-rich compost for agricultural or garden use.

KEY FEATURES & FUNCTIONALITY

"A Seamless System: Shredding, Mixing, and Composting in One Machine"

Integrated Process:

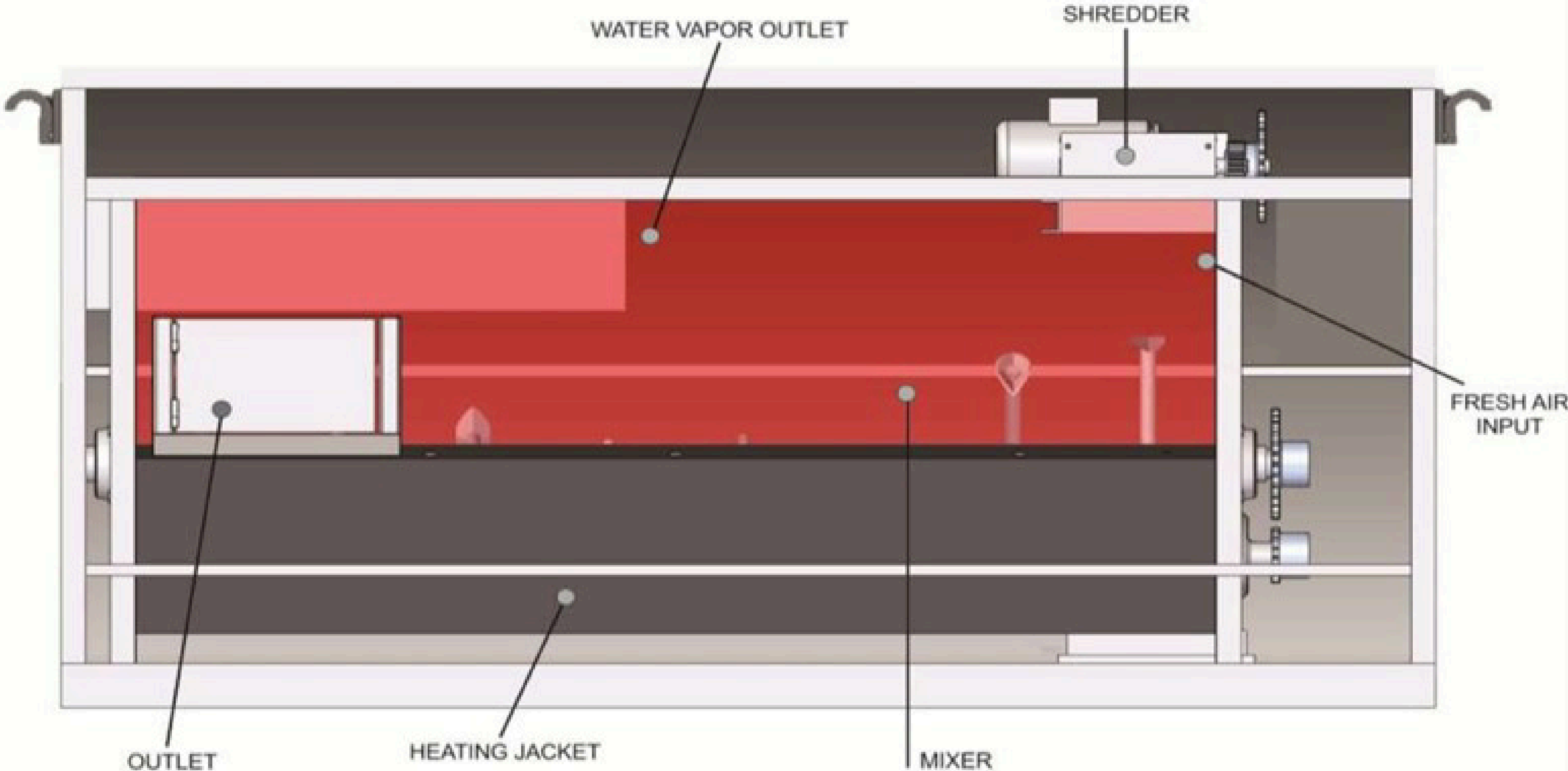
Shredding: Built-in shredder reduces waste size, increasing surface area for microbial action.

Mixing: Uniform mixing ensures even exposure to thermophilic microbes.

Heating: Internal heating maintains the required 50-55 °C temperature for optimal composting.

SHREDDERS AND MOTORS

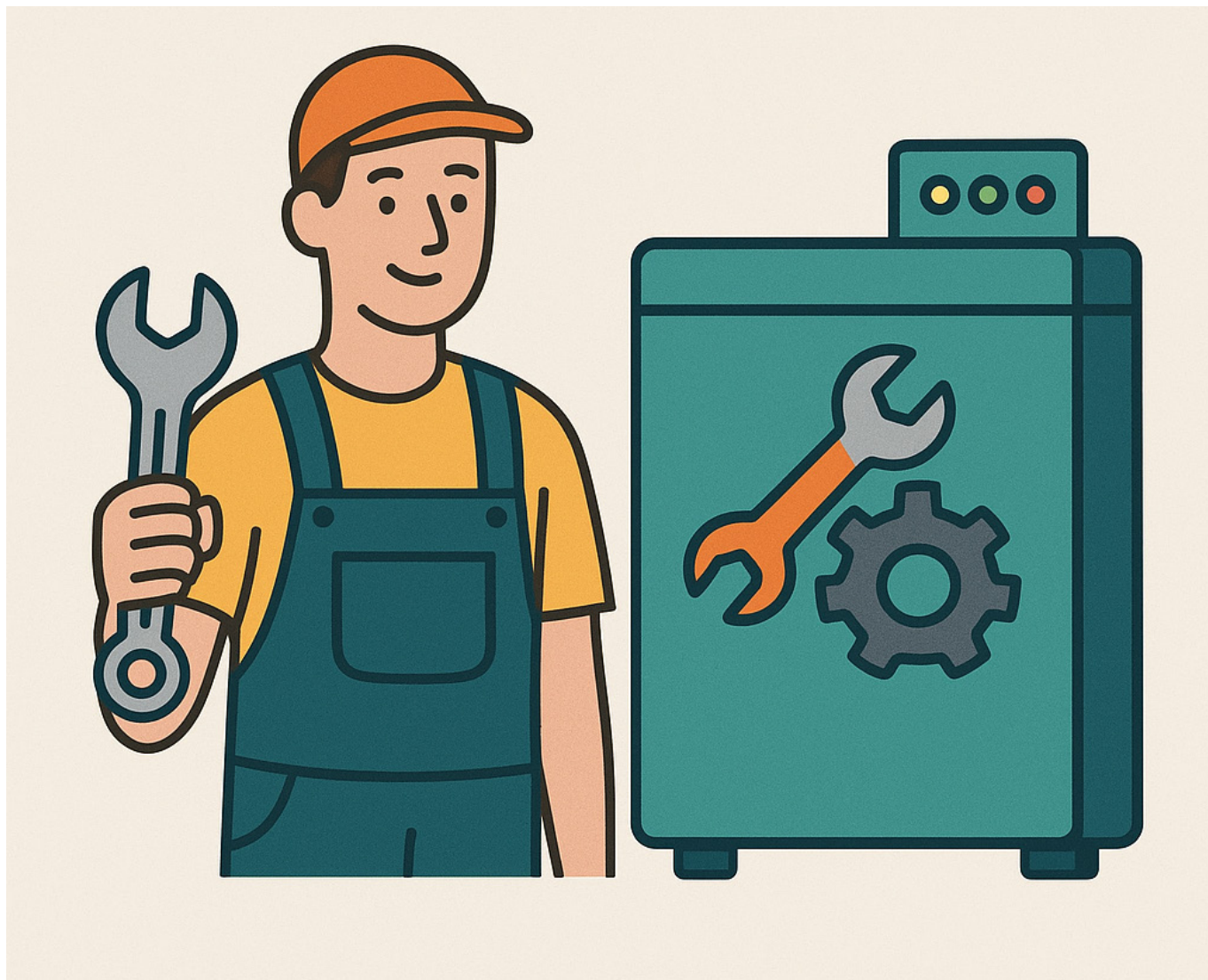
DIAGRAM FOR PROCESS FLOWCHART



PROCESS FLOW:

SHREDDING ⇨ MIXING ⇨ HEATING ⇨ AIR CIRCULATION / EVAPORATION ⇨ OUTPUT

MAINTENANCE MADE EASY—JUST FOLLOW THE STEPS.



Check Point	Frequency	Action Required
Crusher Blades Lubrication	Daily	Apply lubricant after waste loading.
Blower Mesh Cleaning	Every 2 Days	Remove debris to ensure airflow.
Crusher/Mixer Mechanism	Quarterly	Inspect for damage, lubricate moving parts.
Electrical Connections	Quarterly	Check for loose/damaged wires.
Emergency Switch Test	Quarterly	Verify functionality.
Gearbox Oil Level (if applicable)	Yearly	Top up if low.

CONCLUSION & BENEFITS

"A Sustainable Solution: Efficient Waste-to-Compost Transformation"

Environmental Impact:

Reduces landfill waste by converting organic materials into valuable compost.

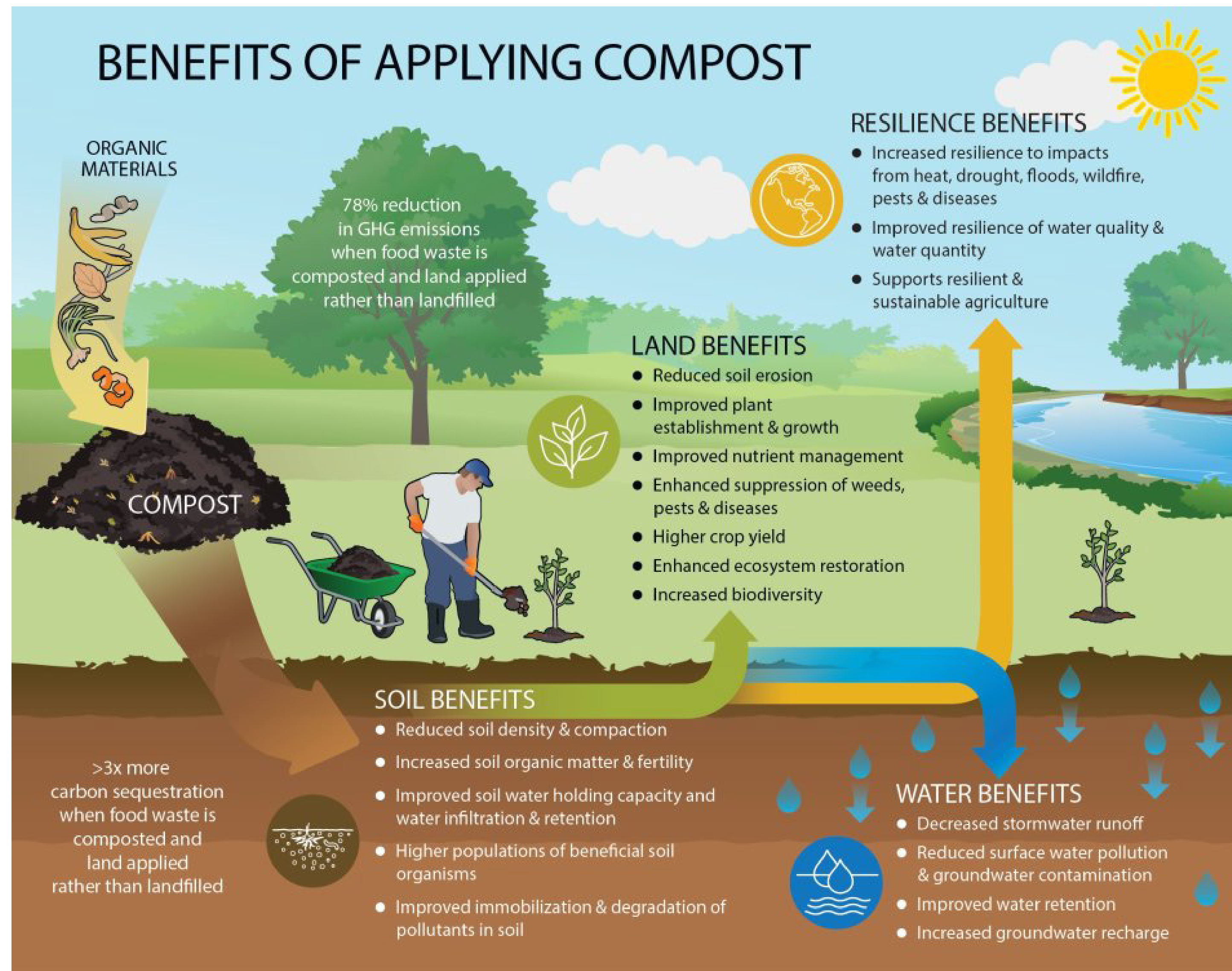


Reduces the need for chemical fertilizers, promoting soil health.



Agricultural Benefits:

The compost produced is rich in nutrients, improving soil structure and fertility.



Ideal for enhancing plant growth and promoting sustainable farming practices.

CONCLUSION

The Smart Xpress Composter provides an efficient, eco-friendly solution for organic waste management, delivering quick and valuable results for both households and agriculture.





Redefining Hygiene and Safety in Sanitary Napkin Disposal

Experience The Future of Hygiene

Sanisure is a state-of-the-art sanitary napkin incinerator, designed to provide a hygienic, userfriendly, and eco-friendly solution for the disposal of used sanitary pads.

Our advanced technology ensures complete and emission-free incineration, making it a perfect choice for modern sanitary needs.

Key Features:

Complete Incineration: Burns napkins at high temperatures (800-900°C) for thorough combustion.

Emission-Free Operation: Built-in air treatment mechanism ensures zero harmful emissions.

Fully Automatic: Designed for ease of use with no need for a middle operator.

Safety First: Advanced sensors and automated mechanisms ensure safe operation.

Efficient Process: Incinerates napkins in approximately 3 minutes



How it works:

Preparation: Place the used napkin in a brown paper pouch.

Loading: Insert the pouch into the Loading Bin Wheel or Stationary Square Bin.

Detection: Sensors detect the presence of napkins.

Incineration: The primary heater activates, initiating the burning process.

Completion: Treated air exits through the exhaust pipe, and ash settles in the Ash Tray.

Technical Specification:

- **Capacity:** 20-30 napkins/ Hour
- **Dimensions:** 560*650*1100 mm
- **Power Rating:** 3 kW, Single Phase 32A Connection
- **Exhaust Pipe Height:** max. 1 feet from the machine pipe
- **Exhaust Pipe length:** Max. 10 feet
- **Machine outside buffer area:** 0.5-1.0 feet from all sides
- **Electrical connection:** 20 A single phase connection

Benefits:

- **User-Friendly:** The Loading Bin Wheel offers a continuous feeding system, holding up to four napkins in separate compartments.
- **Eco-Friendly:** Lab-tested to ensure zero harmful emissions.
- **Reliable:** No decision-making required for the user; simply dump the napkins for hasslefree operation. No switches to press.
- **Convenient:** Designed specifically for the end user, eliminating the need for a middleman or operator.
- **Efficient:** Provides a quick and thorough incineration process.
- **Efficient Process:** Complete Burning

Contact Us



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Feel free to customize or add any additional information as needed!