



# Digester-1T

## High-efficiency Composter System

A green alternative to letting waste go to waste



## Features

- Aerobic fermentation of up to 1 Ton/day of organic waste via High Efficiency Fermentation Agent (HFA)
- Green Label certified design and output
- No secondary pollutants and sludge produced
- Simple and easy controls with no complicated procedures involved
- PLC system pre-programmed according to customer requirements to allow for highly automated process
- Utilizes High -Efficiency Fermentation Agent (HFA), a multi-formula powder comprised of enzymes, microbes and probiotics cultured in our laboratories
- Heavy-duty stainless steel composition minimizes safety risks
- Output available as liquid nutrient / waste water depending on organic waste input
- Output can be converted into liquid fertilizer with UV processing/denitrification

## Specifications

Daily Processing Amount	1,000 kg
Material	304 Stainless Steel
Weight	500kg
Dimensions	2.70m L x 1.44m W x 2.15m H
Recommended Footprint	4m x 4m = 16 sqm
Power Rating	5 kW
Electrical Requirement	415V, 3-phase, 50Hz
Plumbing Requirement	Liquid nutrient discharge
Required Supplies	High Fermentation Agent (HFA) replacement every 3 months Fillers

## Customization

Custom machine dimensions and ALL following accessories available where possible on request

Grinder	Grinds and macerates horticultural waste, large bones and miscellaneous materials
Lifter	Provides hassle-free feeding capabilities with control panel

The following accessories can ALSO be sourced locally

Mesh Screening	Screens for objects not readily broken down by the ecoLISER
Ozone Filter	Filters exhaust air to minimize odor
Granulator	Further granulates output
Cooler	Provides cooling for output if required
Automated Packing System	Automated packaging of output
Rain Shelter System	Shelters machine from externalities