

**Cut your food waste collection costs
and avoid storing food waste on site.**



Turn your food waste into compost

- Fast, natural waste breakdown
- Reduces waste volume by up to 90%
- Controls odours and deters pests
- Cuts disposal costs sustainably

Features

The GLP-500 is an advanced organic waste composting machine that provides a fast, easy, and efficient way to process segregated organic waste. The system quickly converts waste into nutrient-rich compost. It is simple to install and requires only minimal training to operate.

Compact

This machine is a fully automatic system that processes a wide range of organic food waste, including vegetable scraps, meat, fish, eggshells, chicken bones, and garden waste, all with minimum user involvement.

Simple

Organic waste is loaded through the top door, and the processed material is removed from the front door. Built-in safety features, including magnetic sensors and emergency stop buttons, help ensure safe operation.

Benefits

- Uses beneficial microbes and aeration to naturally convert organic waste into compost.
- Reduces waste volume by up to 90%, cutting storage, collection, and disposal costs.
- Processes food waste in around 24 hours, reducing waste build-up.
- Requires minimal space, with only a small area needed for bins.
- Enclosed operation and an integrated biofilter help eliminate odours and filter composting gases.
- Reduces the risk of rodents by limiting exposure to food waste.

Note: Use of the processed material, and any further curing, testing or approvals required, will depend on the site and waste type.

Specification

Waste Input Capacity	500-550 kg/day 180 tons/year
Treatment Time	24 hours
Wastage Reduction	85%-90% Average
Power Supply	Three Phase AC380V, 50Hz
Maximum Power Draw	4kW
Average Power Consumption	300-360 kWh/month Actual electricity consumption may vary depending on use
Heating Method	Electrical Heating
Input Door	Manual top-loading door with magnetic sensors
Off-Load Door	Manual front opening door with magnetic sensors
Safety Features	Mixing blade automatically stops when doors detected open Prominent Emergency Stop
Dimension	3302mm (W) x 1752mm (D) x 1850mm (H) 3302mm (W) x 2189mm (D) x 1977mm (H) with bin lifter Weight 1800kgs
Machine Material	Stainless Steel 304
Applications	Hotels and Restaurants Supermarkets Food Processing Centres Universities, Colleges and Schools Prisons

GLP EcoTech can assess your site, including available space, power supply, waste types, loading and output requirements, service access and operational goals, to confirm the most suitable machine and specification.