

**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-5000 is designed for businesses and industrial sites that generate large amounts of organic waste. It uses a controlled composting process with microbes, heat, airflow and mixing to break down food waste efficiently. Under normal operating conditions, waste is converted into a compost-like organic material in around 24 hours, depending on the type of waste and site practices.

Compact

Strong and reliable design for hotels, supermarkets, food processing sites, councils, prisons and other organisations handling large volumes of organic waste.

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

- Reduced volumes can lead to fewer waste collections and lower disposal charges.
- Up to 90% reduction in waste volume decreases bin capacity requirements.
- Food waste can be processed within approximately 24 hours, reducing accumulation of waste on site.
- Enclosed processing helps minimise unpleasant smells around kitchens and waste compounds.
- Less exposed food waste helps reduce attraction of rodents.

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	5000 kg/day 1800 tons/year
Treatment Time	24 hours
Wastage Reduction	85%-90% Average
Power Supply	Three Phase AC380V, 50Hz
Maximum Power Draw	25 kW
Average Power Consumption	4000-4500 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	6,500mm (W) x 2,936mm (D) x 3,095mm (H) Weight 5,460kgs
Machine Material	Q235 + Spray Paint
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.