

OWT COMPACT

Organic Waste Treatment

A compact, efficient upgrade for transforming agricultural biogas plants into waste-processing facilities.



Illustration: AI-generated

Smart **Solutions** for a **Cleaner Future**.

COMPACT.EFFICIENT.RELIABLE.

ORGANIC WASTE TREATMENT

At VIA Solutions, we have developed an easy solution for upgrading your agricultural biogas plant to an organic waste processing plant. Installed in ISO-sized containers, it offers a range of advantages:



It can treat many different types of organic waste including :



Food waste from restaurants and commercial kitchens



Pre-packaged food items



Commercial waste from the food retail sector and food production



Production rejects from food manufacturing



The organic fraction (0-80 mm) from mixed household waste

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VIA SOLUTIONS

SMART SOLUTIONS FOR A CLEANER FUTURE.



It produces a high quality slurry

with an adjustable dry content between 8% and 20% consisting of up to 99,2% biodegradable organics in the dry matter.



High quality separated material

The produced light fraction consists mostly of plastic, is "washed" and has an RDF quality with a heat value of 18 – 22 MJ/kg.



The plant's footprint is compact and disposable.

The heavy fraction is also washed, giving it a heat value of less than 3,000 kJ/kg and making them ready for further landfilling in accordance with EU guidelines.



No building is required

There is no need to build a new hall, just foundations for the equipment



Modular system:

Throughput can be adjusted according to the Client's requirements



Pre-installed design:

This includes the receiving, de-packing and separation equipment, as well as all piping and wiring and control panels, which are fully installed before delivery.



Quick installation and commissioning:

Reduces on-site setup time and coordination work.



Compact footprint:

Minimizes the space required on site.



Technical Specifications

Waste feeding	Up to 10 t/h, depending on feed material quality
Water content of feed material	Flexible from 30% to 98%
Mixing of different types of waste	Possible
Output flow of light fraction	Depending on feed material quality
Output flow of heavy fraction	Depending on feed material quality
Output flow of slurry for fermentation	Depending on feed material quality

Required Connections

Parameter	Specification
Power connection	60 kW, 400 V, 50 (60) Hz
Power consumption	Up to 41 kWh/h, depending on feed material quality
Fresh water	2 m³/h, 4 bar, 5–20 °C
Digestate / substrate from digester	5–20 m³/h, 4 bar, 30–40 °C, depending on feed material quality
Hot water 90/60 °C	1–5 m³/h, depending on ambient temperature
Space requirements	Approx. 300 m²

THE OWT TREATMENT SYSTEM

has been used in large-scale plants for many years to clean and treat organic waste prior to digestion, delivering excellent results. This reliable system is now also available in a **compact** version.

For further information and pricing details, please contact

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VIA SOLUTIONS
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**INTRODUCTORY OFFER
FOR A LIMITED TIME ONLY:
15% DISCOUNT**

Order the OWT Compact system before **31 December 2026** and receive a 15% discount on the retail price (excluding installation costs)!