



From Waste to Resource: The Oklin Circular Solution

Oklin International Limited

Hong Kong | Since 1997 | Global Green Tech

OK Green KO Food Waste



A global leader in organic waste resource recovery since 1997.
From Hong Kong, we design and manufacture systems that use advanced microbial processes to turn food waste into resources that can be recycled and reused—bringing the principles of the circular economy to life.

Proprietary
Microbial
Technology



Scalable
Product
Solutions



Smart Data &
Operations
Platform



Proven Global
Implementation

Acidulo®:

A precision-crafted microbial blend that strengthens itself over time. Apply once and allow the culture to multiply naturally.

Rapid Aerobic Processing:

Our oxygen-rich system reduces food-waste volume by over 80% within 24 hours.

Full Resource Recovery:

The process outputs high-quality soil conditioner rich in organic matter and nutrients, ready for use in landscaping or potted plants, ensuring 100% resource recovery.

Orbit-S:

Compact standalone units for 30 – 2,000 kg/day, providing simple and reliable on-site composting

Orbit-Q:

Integrated all-in-one systems for 1–9 tons/day, combining key treatment steps into a single streamlined machine that handles more complex waste streams.

Orbit-T:

Modular large-scale facilities for 10–150 tons/day, engineered for high-volume food-waste recovery across city districts.

IoT Monitoring:

Remote, real-time tracking and management of all equipment.

Performance Analytics:

Delivers actionable data on volume, cost savings, and environmental impact for informed decision-making.

Installed in 40+ Countries

A global footprint demonstrating stable performance across varied climates, infrastructure conditions, and regulatory landscapes.

Trusted by Leading Brands:

Selected by top operators in hospitality, retail, aviation, and public sectors.

Versatile Across Sectors:

Designed to adapt to diverse real-world settings—from hotels and supermarkets to communities, offices, factories, and municipal programs.



OKLIN Data Management: Big Data, Real Impact

- 1 Use operational data to identify waste patterns and optimize day-to-day resource use.
- 2 Access real-time and remote machine status to keep operations running smoothly.
- 3 Generate clear data insights that support sustainability reporting and long-term planning.
- 4 Receive alerts and early indicators that help prevent downtime and guide timely maintenance.

OKLIN's data platform turns real-time insight into strategic guidance—supporting cost efficiency, operational reliability, and measurable sustainability impact.





NEOM, Saudi Arabia
15 tons/day



Honda, Vietnam
1500 kg/day



Prague Zoo, Czech
150 kg/day



Proven in World-Class Projects

Oklin systems are at work in 40+ countries, supporting communities across Europe, the Middle East, China, and an expanding network throughout Asia-Pacific and South America. Their presence across such varied landscapes speaks to the resilience and adaptability of the Orbit family. Across these sites, our technology guides organic waste back into useful forms—compost enriching landscapes and agriculture, materials re-entering circular pathways, and everyday operations moving closer to their sustainability goals.

From municipal districts and islands to supermarkets, hotels, industrial facilities, and commercial centers, Oklin solutions integrate seamlessly into real-world environments—quietly enabling practical, scalable circularity wherever they are deployed.

Trusted by Clients Around the World



Success Stories: Oklin in Action with Our Partners



**Ramada Hotel
Ajman, UAE**

150_{kg/day}

- Food waste from hotel operations
- Compost used with on-site urban farm
- Green Globe Award Certificate 2015



**Ahold Delhaize
Europe**

30-300_{kg/day}

- International supermarket chain
- Food waste and expired products
- Compost is shared with employees and local partners



**Kai Tak Sports Park
Hong Kong**

1,200_{kg/day}

- Major event and sports venue
- Food waste with compostable packaging
- Compost used across park grounds



**Shangluo City
Shaanxi, China**

60_{tons/day}

- City-scale municipal waste program
- Mixed residential and commercial food waste
- Expanded from 30 to 60 tons/day

OKLIN's systems go beyond food-waste processing. They bring advanced microbial technology and engineering together to recover resources and renew the value of organic waste.

Orbit-Q

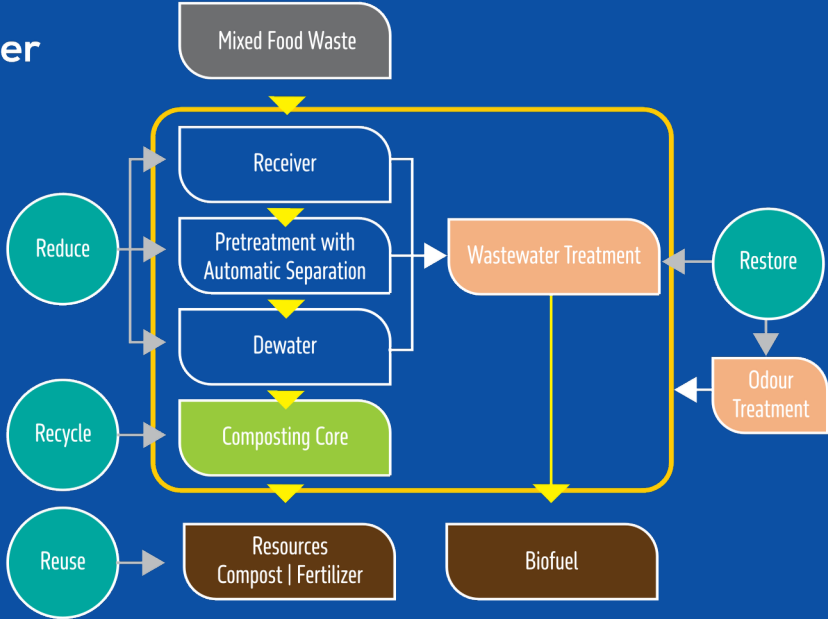
A Compact Orbit for Complex Waste

Orbit-Q brings multiple steps of the circular process together in one integrated system, making installation simple and saving valuable space. Designed for 1–9 tons/day, it handles mixed waste streams—ideal for island resorts, labour camps, supermarkets, and remote locations that need reliability without complexity.

Orbit-S

Small Scale, Strong Impact

Orbit-S offers compact stand-alone units for 30–2,000 kg/day, providing an easy entry point into on-site circularity. Simple, dependable, and efficient.



Giving Waste to a New Life, Circular by Design

Orbit-T is a modular, facility-scale solution for 10–150 tons/day, built for city districts, municipalities, and industrial zones. Designed to manage high-volume and non-segregated waste streams, the Orbit-T process follows a clear and intuitive flow that restores value at every stage:

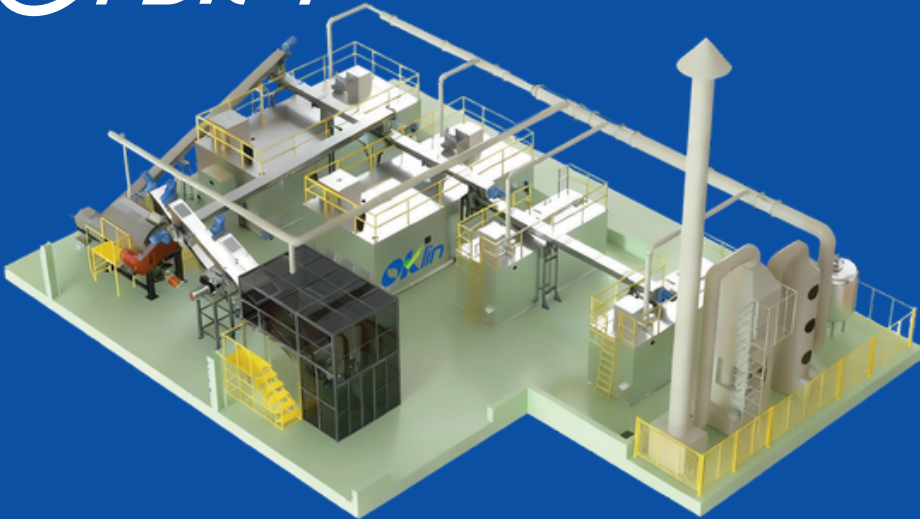
Reduce – Receive, separate, and prepare food waste for efficient processing.

Recycle – Convert organics into compost and extract fat, oil, and grease into recoverable waste oil.

Reuse – Compost and recovered oils circulate into landscaping, agriculture, and renewable-energy pathways.

Restore – Clean water and air streams before they return to the environment

Orbit-T



With Oklin's Orbit family of solutions, waste doesn't reach an end point. It continues its movement—its rhythm, its cycle. We help organizations close the loop gracefully, turning everyday waste into renewable value for the future.





What if food waste wasn't a cost — but a resource waiting to return value?

Oklin reframes the role of food waste in your operations. Through intelligent design and microbial innovation, our systems guide organics back into useful forms — reducing disposal burdens and unlocking new value along the way. The result is a cleaner cycle, measurable sustainability gains, and a future where waste works for you, not against you.

 ***Oklin International Limited***

Your closed-loop journey starts here.
Join us in creating a smarter orbit for food
waste — one that returns value, restores
balance, and redefines the cycle.
Connect with us for your integrated solution.
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