



Oklin International Limited
Hong Kong | Since 1997 | Global Green Tech

Food Waste Solution, Together.

Orbit by Oklin Product Line-up



OK Green KO Food Waste



Proprietary Microbial Technology

- Reliable aerobic biological processing
- 24-hour composting cycle



Modular Solutions

- 30 kg/day ► 150+ tons/day
- Customizable across sites and waste types



Smart Loop™ Platform

- Real-time system intelligence
- Status, alerts, and performance data



Measured Carbon Impact

- ESG reporting ready
- Reporting today, future value pathways



Proven Global Implementation

- Operating in 40+ countries
- Across climates and sectors



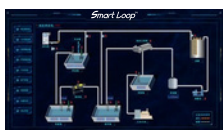
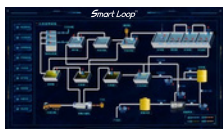
Circular Economy

- Waste returned as value
- Practical, on-site circularity



Smart Loop™

Smart Monitoring. One Connected Platform.



Oklin's data platform provides a connected layer across the Orbit family, bringing together machine intelligence, operational visibility, and sustainability insight. From individual on-site systems to large-scale facilities, it enables real-time monitoring, coordinated management, and clearer understanding of performance and impact—supporting both reliable daily operations and long-term decision-making.

Real-time visibility: System status, key operating parameters, and alerts—on site and remotely.

Operational insight: Early indicators support smoother maintenance planning and stable performance.

Sustainability data: Processing data translates into clear inputs for reporting and ESG disclosure.

Cloud Platform



Real-time
Data



ESG Report



Proactive
Maintenance



*Feature availability varies.



Small Scale, Strong Impact

Designed as a compact, on-site solution for 30–1,500 kg/day, it reduces transportation and associated carbon impact. By keeping recovery local, Orbit-S supports everyday circular practices across hospitality, retail, and institutional settings



GG-10s

Capacity: 25–30 kg/day

Coverage: ≈ 80–100 people

Applications: Schools, offices, cafés, small food outlets



GG-30s

Capacity: 75–100 kg/day

Coverage: ≈ 250–330 people

Applications: Schools, restaurants, staff cafeterias



GG-50s

Capacity: 125–150 kg/day

Coverage: ≈ 420–500 people

Applications: Restaurants, cafeterias, small hotels



GG-100s

Capacity: 250–300 kg/day

Coverage: ≈ 830–1,000 people

Applications: Hotels, supermarkets, institutional kitchens



GG-200s

Capacity: 550–600 kg/day

Coverage: ≈ 1,800–2,000 people

Applications: Hotels, supermarkets, shopping malls, central kitchens



GG-300s

Capacity: 800–1,000 kg/day

Coverage: ≈ 2,600–3,300 people

Applications: Island resorts, food factories, residential estates, stadiums



GG-500s

Capacity: 1,350–1,500 kg/day

Coverage: ≈ 4,500–5,000 people

Applications: Island resorts, food factories, residential estates, stadiums

Odour Treatment

Designed to maintain clean, comfortable operating environments through effective odour management.



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™

Orbit-Q integrates automatic separation and treatment into a single system, bridging the gap between compact Orbit-S units and large-scale Orbit-T facilities. Designed for 950 kg – 15 tons/day, it manages mixed waste streams efficiently while keeping installation and operation simple.

Model	Capacity
YAS-100	950 (kg/day)
YAS-200	1,800 (kg/day)
YAS-300	2,000 (kg/day)
YAS-500	4,500 (kg/day)
YAS-D300	6,200 (kg/day)
YAS-600	7,800 (kg/day)
YAS-1000	15,500 (kg/day)

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:

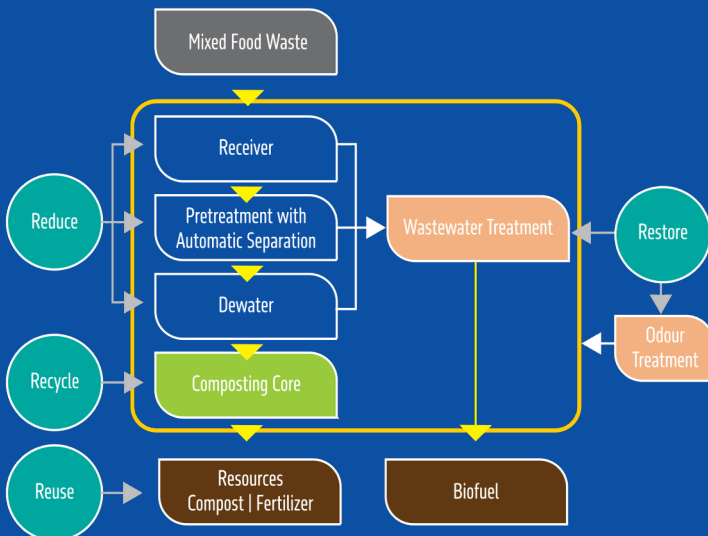
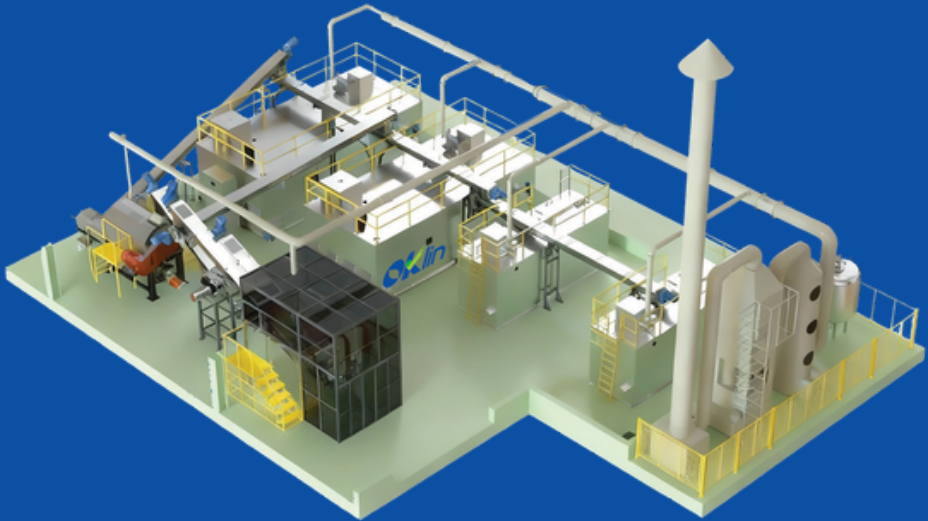
Reduce – Receive, separate, and prepare food waste for efficient processing.

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™



Orbit™

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.

*Feature availability varies.
*Actual performance may vary.

Orbit-X Automatic Separator

Designed for supermarkets and food courts, Orbit-X refines mixed food waste into clean organic feedstock—handling packaged and non-segregated inputs without manual depackaging. It simplifies on-site processing while keeping material flows efficient and ready for aerobic composting.

By filtering out packaging and non-organics before composting, Orbit-X helps keep plastics out of the ground—supporting cleaner organic recovery and healthier soil conditions.



Model	Capacity
ASP-0.5T	0.5 (tons/hour)
ASP-1T	1 (tons/hour)
ASP-2T	2 (tons/hour)
ASP-3T	3 (tons/hour)
ASP-5T	5 (tons/hour)
ASP-8T	8 (tons/hour)
ASP-10T	10 (tons/hour)

Orbit-S Orbit-Q Orbit-T

How It Works

- Mechanical separation
- Cutting and screening
- Filtration of organics

Why It Matters

- Reduces on-site manual separation
- Keeps plastics and residues out of soil
- Designed for real-world retail and food-service waste

*Actual performance may vary.

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

Oklin redefines food waste in your operations. Our systems transform organic waste into valuable resources through intelligent design and microbial technology — reducing disposal costs and unlocking new value. This creates a cleaner cycle, delivers measurable sustainability gains, and turns waste into an asset that works for you.

Proven in World-Class Projects

NEOM, Saudi Arabia
15 tons/day

Honda, Vietnam
1500 kg/day

Prague Zoo, Czech
150 kg/day

Trusted by Clients Around the World



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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