

The Organic Waste Challenge

Every year, millions of tons of food and organic waste are sent to costly landfills. As this waste breaks down without oxygen, it releases methane — a greenhouse gas far more damaging than carbon dioxide.

For agriculture, food processing, municipalities, and large-scale operations, organic waste is more than an environmental issue. It's a cost, a logistical burden, and a growing regulatory concern.

But it doesn't have to be.

What if that waste could be managed on-site, safely and efficiently — eliminating hauling, reducing emissions, and turning a liability into a usable resource? With the right composting approach, organic waste can be transformed into nutrient-rich soil enhancers, supporting healthier land while lowering operational costs. The challenge isn't the waste itself — it's how it's handled.

you can't ignore the losses.



Cost Effective

The Ecodrum™ is a year-round controlled system. The cost of owning and operating the Ecodrum™ is comparable to, or less than that of other management options.

Fits Your Operation

We have a controller, our standard on 7 Series, is a touch screen controller, with easy programmable features, and service reminders and on our 4 series, our non touch screen, can easily be programmed to any operation.

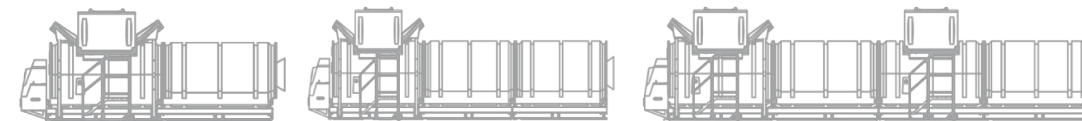


Ecodrum™ Model					
410	420	720	730	740	750
55lbs	110lbs	330lbs	525lbs	690lbs	925lbs
25kg	50kg	150kg	240kg	315kg	420kg

Estimated Daily Capacity

Nominal outside diameter of drum for 4 series models is approximately 48" and 7 series models are approximately 72".

** Capacities listed are maximum estimated pounds of mortality. Actual capacity of any Ecodrum™ model may vary depending on factors such as species, recipe and bulking material used. Food waste/fish waste is approximately double the capacity that is shown.



Engineered for Performance. Designed for Scale.



Start the Conversation

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Turn waste costs into revenue



ecodrum

COMPOSTING, SIMPLIFIED.



A Smarter Way to Manage Organic Waste



Organic Waste

Farm Waste

Poultry & Dairy manure
Hatchery waste
Chicken mortality
Sheep & goat mortality
Meat processing waste
Slaughterhouse waste

Food Waste

Food Processing Facility
Municipal
Restaurant
Hotel



Ecodrum designs and manufactures industrial-scale composting solutions that allow organizations to process organic waste securely, efficiently, and on-site.

Instead of hauling waste away, Ecodrum transforms food scraps, agricultural by-products, and organic residuals into valuable soil enrichers — closing the loop and supporting a circular economy.

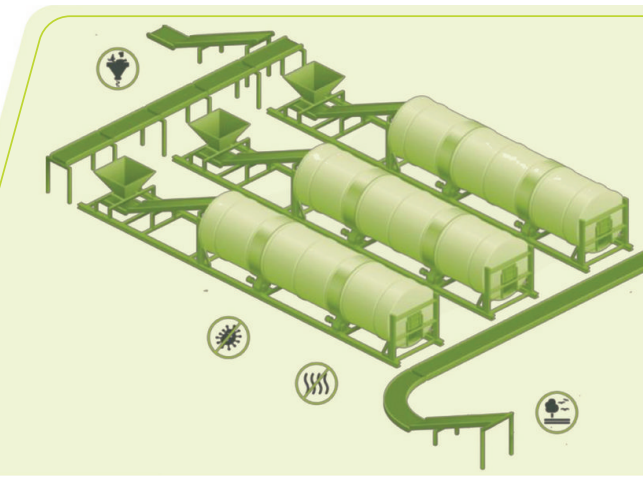
Organic waste becomes a resource, not a liability.

By bringing composting directly to your operation, Ecodrum reduces dependence on landfills and third-party waste handlers while improving control, predictability, and sustainability outcomes. Our industrial composting drums are designed to integrate seamlessly into existing workflows, delivering consistent performance at scale and helping organizations meet environmental, operational, and regulatory goals with confidence.

Proven technology

The Ecodrum system is a proven technology, successfully installed on poultry, hog and meat processing operations throughout North America. The Ecodrum is perfect for both large - and small - scale production, and offers the following benefits:

- Clean and simple to operate
- No further heat treatment for sanitization is necessary.
- Production is independent of weather conditions.
- Minimum number of operators required; the system is controlled by a Programmable Logic controller.
- The need of land is so much smaller compared to conventional techniques.
- Can both be used for plant based and animal-based waste.
- Production is nature friendly.
- Bio secure
- High quality compost
- Compost is a great seed bedding.
- Compost holds water thus making sandy soil suitable for planting.
- Helps with decrease the density of clay rich soil.
- When applied with Sulphur, compost helps regulating Alkaline levels
- level in soil by feeding the Sulphur Bacteria.
- Humic and Fulvic acids mentioned above help soils absorption and plants intake of the absorbed particles.
- Micro and macro nutrition are better absorbed, and stay in the soil for a longer period, keep on feeding the plants for a longer time, thus showing a slow-release effect



Industrial composting — simplified.



Ecodrum composting solutions are built for industrial volumes and real-world operating conditions serving a wide range of applications:

Poultry & Dairy manure, Hatchery waste, Chicken Mortality, Sheep & goat Mortality, Meat processing waste and general Slaughterhouses waste.

Designed for:

- Continuous, high-capacity processing
- Controlled, odor-managed composting
- Consistent, repeatable output
- Integration into existing workflows

Our drums deliver reliable performance while minimizing footprint, downtime, and operational complexity.

Supporting Your Sustainability & CSR Goals

Sustainability is no longer optional. Customers, regulators, and stakeholders expect measurable action.

Ecodrum helps organizations:

- Adopt and strengthen CSR and ESG initiatives
- Reduce overall carbon footprint
- Demonstrate responsible waste management
- Turn sustainability goals into verifiable results

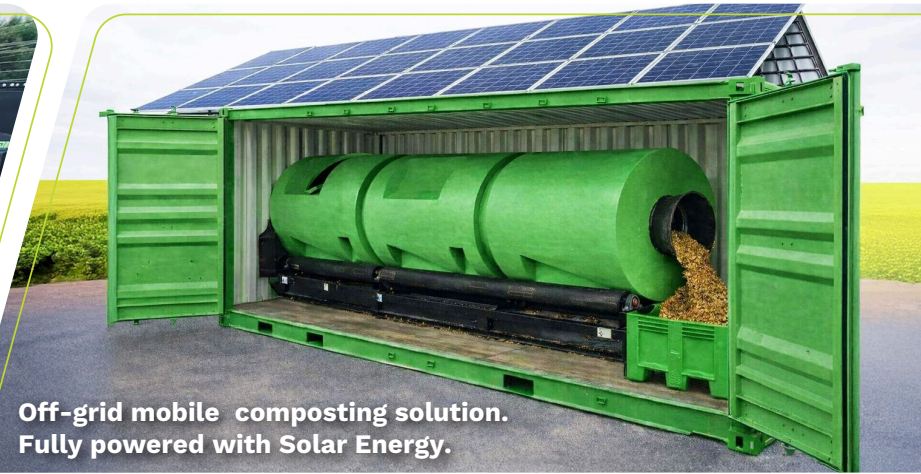


How it works

- The composting drum is filled with organic waste.
- The drum spins up to 24 rotations per day, with oxygen added each hour, an accelerated composting process begins.
- The waste is naturally heated during composting, starting a hygienisation process that kills infectious agents and weeds.
- The end product is nutrient-rich fertilizer that can be used in your own business or sold.
- The process takes three to seven days, compared to months in traditional compost. Once the waste is in the drum - the process is odorless.



Industries we serve



Off-grid mobile composting solution. Fully powered with Solar Energy.