



FOOD WASTE

I N C O R P O R A T E D

TURNING WASTE INTO USEFUL RESOURCES

The Road to Zero Waste

Introducing the Food Waste Inc / Gaia Technology Solution:

Food Waste Inc employs the patented Gaia technology developed by Gaia and its over 20 years of research and operational experience, to turn food scraps and other organic waste into soil ammendments and energy resources. These systems have been in full production and deployed in a wide array of commercial and industrial applications in over ten countries worldwide.

With Food Waste Inc and the Gaia technology your business will be on fast track to rapidly rolling out an onsite organic waste recycling program to turn waste into valuable resources and enhancing corporate sustainability towards zero-waste without dependence on third-party operators. Food Waste along with Gaia offer scalable solutions from modular to plant-wide solutions.



Modular Systems

Food Waste Inc features modular organic waste recycling systems ranging from 110 pounds to 2.2 tons per day for small- volume to mid-sized users.



Plant-Wide Systems

Food Waste Inc delivers large organic waste recycling plants (upto 100+ tons/day) to address organic waste streams from large food manufacturers , food producers and livestock processing plants.

Top 10 Reasons Why You Should Choose Food Waste Inc / Gaia Technology:

1. Proven technology with over 20 years of operation.
2. Processes all types of food waste (with paper and plastic packaging)
3. Allows addition of food scraps during processing
4. Volume & weight reduced up to 90%
5. Recycling capacity 110lbs to 100+ tons per day
6. Short processing time: 8 to 11 hours
7. Patented shredder and blade design
8. No microorganisms, enzymes, water or additives required
9. Simple, push-button operation
10. Converts food waste into soil ammendments*, energy resources and clean distilled water

Ideal Applications

Food Service Providers

Schools, stadiums, hotels, restaurants, theme parks, casinos

Food Retailers

Supermarkets, major food wholesale stores

Livestock Processing Plants

Food Manufacturers

Dairy farms, tofu farms, etc.

Food Producers

Agriculture farms, chicken ranches, animal farms

Compost Facilities and Transfer Stations



MODULAR SYSTEMS



GC-50



GC-150



GC-400

Specifications

Model	Processing Capacity / Day (2 Cycles/Day) <i>Pounds (kg)</i>	Dimensions (Inches)			Power Source <i>Voltage Current</i>	Machine Weight <i>Pounds</i>
		Length	Depth	Height		
GC-50	110 (50)	41	30	48	208V, 3P, 3W: 13.0A 240V, 3P, 3W: 11.3A 400V, 3P, 3W: 6.8A	880
GC-100	220 (100)	55	37	51	208V, 3P, 3W: 21.5A 240V, 3P, 3W: 18.6A 400V, 3P, 3W: 11.2A	1,320
GC-150	330 (150)	63	39	55	208V, 3P, 3W: 24.8A 240V, 3P, 3W: 21.5A 400V, 3P, 3W: 12.9A	1,760
GC-200	440 (200)	67	47	62	208V, 3P, 3W: 47.3A 240V, 3P, 3W: 41.0A 400V, 3P, 3W: 24.6A	2,200
GC-300	660 (300)	72	47	65	208V, 3P, 3W: 62.3A 240V, 3P, 3W: 54.0A 400V, 3P, 3W: 32.4A	2,750
GC-400	880 (400)	94	59	65	208V, 3P, 3W: 89.7A 240V, 3P, 3W: 77.7A 400V, 3P, 3W: 46.6A	5,500
GC-600	1320 (600)	102	67	71	208V, 3P, 3W: 129.5A 240V, 3P, 3W: 112.2A 400V, 3P, 3W: 67.3A	6,160
GC-1000	2200 (1000)	118	69	79	208V, 3P, 3W: 189.6A 240V, 3P, 3W: 164.3A 400V, 3P, 3W: 98.6A	7,040
GC-1200	2640 (1200)	130	73	80	208V, 3P, 3W: 198.7A 240V, 3P, 3W: 172.2A 400V, 3P, 3W: 103.3A	7,700
GC-2000	4400 (2000)	165	83	91	208V, 3P, 3W: 319.9A 240V, 3P, 3W: 277.2A 400V, 3P, 3W: 166.3A	12,100

Top Reasons to Use Food Waste Inc. / Gaia Technology Over Other Food Waste Dehydrator Systems:

1. Proven technology with over 20 years of operational experience
2. Proprietary blower chamber technology - enables in-operation addition of new food scraps without losing processing efficiency; provides maximum operation flexibility to machine operators
3. Patented "double helix" shredder and blade design technology prevents jamming - minimizes down time and lowers overall maintenance/operation costs

 Up to 90% Volume & Weight Reduction.



GC-1200



GC-2000

Features and Operation Descriptions

Processing Method	Accelerated dehydration process based on indirect heat & drying, moisture control and patented grinding technology
Treatment Time	8–11 hours
Average Volume and Weight Reduction Rate	Up to 90% volume & weight reduction
Treatable Items	Fruits, Vegetables, Pastas, Rice, Potatoes, Starches, Breads, Fish, Lean Meats, Dairy Products, Small Bones (chicken, fish, etc.)
Untreatable Items	Hazardous Waste Material, Woods, Metals, Stones, Ceramics, Large Bones, Textiles and other non-organic items
Safety Features	<ul style="list-style-type: none"> 🔄 Hatch door control will stop shredder automatically before the door is open 🔄 Embedded sensor control will stop the machine automatically if temperature sensors exceed operation range 🔄 Safety cover and embedded sensor for output discharging 🔄 Emergency push button to shut off power to the system
Output	Soil amendments*, energy resources and clean distilled water
Automated Control	Built-in temperature, moisture sensors and control systems to automate entire process
Odor Treatment	Proprietary control system to minimize odor
Installation	Stand-alone design; No need for special installation**
Warranty	<ul style="list-style-type: none"> 🔄 1 year manufacturer's standard warranty 🔄 Extended warranty option available

Top Reasons to Use Food Waste Inc. / Gaia technology Over Traditional Compost or Landfill Practices:

1. Rapidly enhances corporate sustainability image towards zero-waste without dependence on third party operators
2. Up to 90% weight reduction of onsite food scraps, turning the remainder into soil amendments* and energy resources
3. Significantly reduces transportation costs and lowers carbon footprint
4. Simple push button operation for onsite food waste recycling
5. Compact, self-contained units are easy to install and maintain
6. Eliminate unpleasant odors and fruit flies caused by food waste collection and garbage disposal storage
7. Extracts distilled water from food waste for reuse

No microorganisms, enzymes, water or additives required.



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PLANT-WIDE SYSTEMS

Food Waste Inc provides the know-how and the technology scalability to deliver large organic waste recycling plants (100+ tons per day) to address large amounts of organic waste from large food manufacturers, food producers, transfer stations or other large food waste generators. The Gaia technology is over 20 years in the making in research and operations in the field. The Gaia technology has been successfully integrated into a wide variety of commercial and industrial applications.



Tofu byproduct processing
GITO Tofu Factory
Japan

G-12HP
(12 TONS/DAY)



Tofu byproduct processing
Gaia Corporation
Korea

G-24HP
(24 TONS/DAY)



Ginseng byproduct processing
Ginseng Factory
Korea

G-60HP
(60 TONS/DAY)

SMART DRYERS



Food Waste Inc's "Smart" Dryers use the latest tracking and measuring technologies and are designed for apartments, condos, food courts and other locations where there are multiple parties generating food waste. Our SMART dryers will track and measure food waste and calculate a disposal fee based on the exact weight. It works in much the same way that an automated check-out at a grocery store might work. The user inputs a pass code, the SMART dryer lid opens and the user can throw in their food waste. The SMART dryer then weighs the food waste and informs the user of the amount of food waste being processed and the related fee. According to our pilot studies in South Korea, which lasted anywhere from 3 to 12 months, the food waste disposal data tracked and displayed by our SMART dryers to the users have been meaningful in changing people's behavior and mindset. The average food waste reduction during our studies in South Korea was approx 20%.

About Food Waste Inc:

Food Waste Inc. was created to address the growing organic waste issue. Located in the Niagara Region Food Waste Inc has employed the industry leader in dehydration in working with companies to obtain their zero waste and green goals. Food Waste Inc (www.foodwasteinc.com) provides innovative organic waste recycling solutions to Canadian industries including haulers, transfer stations, food service providers, food retailers, livestock processing plants and compost facilities. Food Waste Inc using the Gaia technology, process a wide variety of materials including mixed food scraps, chicken bones and liquids without causing jamming or downtime. Food Waste Inc employs patented technology developed by Gaia In Korea that has been implemented in its organic waste recycling systems and deployed in a wide range of commercial and industrial applications in over ten countries since 1992.



For more information on Food Waste Inc and the Gaia technology please contact us at:

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Specifications are subject to change without notice.

*An analysis on the output material is recommended to determine its best application.

** Electrician required for install.**