

# Foodservice Sustainability Solutions



EMPOWERING ZERO WASTE

## INDUSTRIES WE SERVE

- K-12
- Restaurants
  - Full Service
  - Quick Service
- Higher Education
- Military
- Healthcare
- Hospitality and Lodging
- Supermarkets

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**PROUDLY MADE IN THE USA**



# Be The Change



Exceed Sustainability Objectives  
Foster Environmental Education and Awareness  
Practicable Waste Reduction & Diversion Programs

Foodservice Sustainability Solutions offers visionary solutions to achieve a Zero Waste environment in any institution. Our mission is to provide the highest quality, most innovative products and solutions that protect the environment, empower our customers and benefit their communities.

## StyroGenie SG-1200

### Foam Thermal Densifier System

StyroGenie SG-1200 recycles polystyrene foam, reducing waste volume by 95% and 100% landfill diversion recycling solution.



### STYROGENIE SG-1200

Recycles polystyrene foam, reducing waste volume by 95%, offers immediate and substantial savings on waste collection fees, 100% landfill diversion recycling solution as well as impacting CO2 carbon dioxide emissions for reduced waste hauling.

StyroGenie SG-1200 is a low cost, thermal densification machine that reverses the foam manufacturing process by removing the air and returning it to a liquid resin. The resin is then cooled and formed into small briquettes that are easily recycled then set aside for collection and sent to a processor for recycling or resource recovery. FSS will take care of setting up the logistics for block pick-up and shipping. ETL Listed to UL 499

## Compost Accelerator CA-Series

### Recycle Food Waste

Compost Accelerator provides on site reduction of food waste volume up to 90% - diverting 100% of organic waste from landfills and contributing to a "Closed Nutrient Cycle". Solutions for Commercial Food Waste Disposal, Organic Diversion Programs and Food Waste Diversion.



### THE ENVIRONMENTAL IMPACT

The anaerobic decomposition of food and other organic waste in landfills produces methane (CH<sub>4</sub>) which is a greenhouse gas 21 times more damaging to the environment than carbon dioxide (CO<sub>2</sub>). According to the U.S. EPA, landfills are the third largest human-related source of methane in the United States, accounting for 18% of all methane emissions.

### FOOD WASTE

According to the U.S. Environmental Protection Agency, food waste is the single-largest component of the Municipal Solid Waste stream by weight in the United States. Food waste includes uneaten food and food preparation scraps from residences or households, commercial establishments like restaurants, institutional sources like school cafeterias and industrial sources like factory lunchrooms. With over 97% of food waste ending up in landfills.



### COMPOST ACCELERATOR

In 2013 alone, more than 36 million tons of food waste was generated, with only five percent diverted from landfills and incinerators for communal composting. Compost Accelerator CA-Series creates a sterilized nitrogen rich biomass that can be used as a soil amender providing on-site reduction of food waste volume up to 90% - making it 100% reusable. The process provides rapid break down reducing, volume and weight of the food waste which, reduces operational costs. The organic sterilized high nitrogen rich soil amender can be reused in gardens, urban farms, organic farms, nurseries or as a nitrogen rich feed stock for compost programs. ETL Listed to UL 499



## Source Separation

### Waste Collection Systems

Foodservice Sustainability Solutions offers several Innovative Source Separation Waste Collection Systems, which integrates best practice waste diversion features, and are proven to increase recycling and heighten environmental awareness in any school or organization.



### US GREEN BUILDING COUNCIL OF A GREEN SCHOOL CHARACTERISTIC

USGBC has identified (13) characteristics of a green institution. FSS waste reduction and recycling program for polystyrene foam and food waste, meets 8 of the 13.

1. Conserves energy and natural resources (less fossil fuel, no dishwasher/water)
2. Saves taxpayer money (saves waste removal cost, no need for high cost alternative products)
3. Improves indoor air quality
4. Removes toxic materials from places where children learn and play
5. Employs day lighting strategies and improves classroom acoustics
6. Employs sustainable purchasing and green cleaning practices
7. Improves environmental literacy (educational tool, S.T.E.M. programs, Green Teams)
8. Decreases the burden on municipal water and wastewater treatment (No Dishwashing)
9. Encourages waste management efforts to benefit the local community & region (100% landfill diversion)
10. Conserves fresh drinking water
11. Encourages recycling (100% of waste is recycled)
12. Promotes habitat protection
13. Reduces demand on local landfills (100% diversion, recycling, resource recovery)



*Tap & Stack SmartCart is used for polystyrene tray collection.*