

Introduction:

Global Energy Resources, the industry leading provider of a green solution with innovative equipment has launched a new food waste recycling system FWD#100. FWD#100 employs patented technology developed by Global Energy Resources together with our affiliated company in the world. With more than 15 years of research and development, here comes our ultimate innovative recycling system to turn food waste, rotten food, food scraps and other organic waste into compost and rich soil amendments. Our systems have been in full production and were used in thousands of restaurants, cafeterias, hotels and cruise ships in many countries.

FWD#100 is the system with compact size and can fit in a small place next to the dish washer inside kitchen. So, food waste, food scraps or organic waste can be processed on site without waiting for the third party operators. Our system can reduce food waste up to 90% in volume and weight.. Thus transportation cost of food waste, food scraps and organic waste to the landfill can be saved. With the use of our food waste recycling system, there will not be any food trash and liquid food waste stored inside your kitchen or the trash bin of your restaurant back door. Thus, you will not smell the stinky rotten smell from the food trash anymore and no more rats will live around your trash can. Restaurant owners do not have to worry about sanitary problem in the kitchen and thus they can fully focus on making good food for customers.

Ideal Users:

- * Food Service providers – School campus cafeterias, theme parks, hotels, casinos, cruise ships, stadiums, restaurants, and food courts
- * Food manufacturers and producers – Chicken and duck ranches, animal farms, agricultural farms, dairy farms and can food processor
- * Livestock processing plants
- * Food retailers – Food wholesale stores, Supermarkets



It is designed to pulverize hard bones such as pork ribs, pork hocks and is easy to use



Patented technology with strong pulverizing blades can turn hard bones and food garbage into compost in 12-16 hours



Patented and fully automated system suitably designed for any size business. It is designed to reduce waste food volume and weight up to 90%.



Synchronously processing regular food garbage and hard bones.



Space saver design and easy to install. Suitable for the on-site processing at: hotels, restaurants, schools, etc.



The process of crushing, drying, pulverizing turns food waste into compost

System Features and Benefits

- * Innovative temperature, tension, weight and moisture sensors together with our precision designed micro-processor and control system will smooth out the entire automated process.
- * Reduce waste up to 90% in volume and weight. It only takes 12-16 hours to process 220 lbs of food waste to high quality soil amendments or compost.
- * No enzymes, chemicals, micro-organism, fresh water or other additives are needed.
- * Simple and easy to use by any person in the kitchen. Hassle free!
- * SUS 304 Stainless Steel is used to make the machine.
- * Easy to clean and no rust to be worried. Heat and corrosion resistance.
- * Innovative deodorized process. Employed sealed processing system and patented technology to eliminate bad smell during process.
- * Eliminate unpleasant odors and enables more pleasant surroundings.
- * Patented technology with strong pulverizing blades can turn hard bones and food garbage into compost in 12-16 hrs.
- * Save time in separate food waste from mixed hard bones and shells. This shredding process can reduce the whole processing time drastically.
- * Patented tension sensing technology to stop and reverse the pulverizing process when hard bones jam the blades. When blades are jammed, blades will stop and will turn to reverse gear to glide the bones out and then start the process again within 10-15 seconds.
- * Prevents jamming – minimizes machine down time and also lower the maintenance costs and avoid motor damaged.
- * Clean water will be discharged during process and is lawfully discharge to regular drainage system. No fresh water and sewage tank are needed for our machine.



Global Engery Resource

A Green Environment Solution Provider

Features & Description

Processing Capacity/day

220 Pounds / 100 Kg per cycle

Dimension

Approx. 48" Length x 48" Depth x 52" height

Power Source

Voltage 220 V/1Phase/60Hz,(50Hz for H.K.)
4.3Kw, 24 amp

Machine Weight

Approx. 990 Pounds

Standard

ISO 9001 & 14001 Certificates, M.E.T. U.S.Listed
(Accredited by OSHA & NRTL)

Processing Method

Patented accelerated decomposition process
by using non-contacting heating system &
special hot-wind blowing injection, moisture
control and weight control and patented
shredding technology.

Volume and weight reduction rate

Reduce food waste up to 90% in volume
and weight.

Treatable Items

Vegetables, fruits, rice, breads, potatoes,
pastas, fish, meats, fish bones, cow bones,
pork ribs and chicken bones and all kind of
food waste.

Untreatable Items

Woods, metals, plastics, ceramics, textiles,
stones, and hazardous material.

Safety Features

Open the top loading door, shredder and
machine will stop automatically. Built in weight
sensor will stop the machine and beeping
sound will be heard when machine is overload.
Emergency shut off power button can be
pushed to shut off power of the system. Built
in sensor for output discharging.

Discharge substance

Dried leftover can be a fertilizer through
fermentation or compost through further
processing.

Fully automatic control

Built in moisture, weight, tension and
temperature sensors and control systems to
automate the whole process from the beginning
to the end. Hassle free handling.

Odor Treatment

By using sealed processing system and patented
technology to eliminate bad smell during process.

Installation

Stand alone design. Easy to install and no
special installation is needed.

Warranty

1 year manufacturer standard warranty.



Model: FWD#100

**The Most Powerful and Speediest
Food Waste Decomposer !!!**

**Can process beef ribs,
pork hocks, hard bones
and any food garbage
at the same time !!**

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