



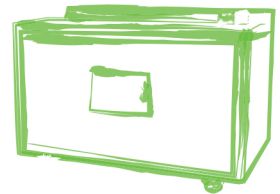
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ECO *Cr*o**be**™

Food Waste Disposal Machine through
Fermentation by Microorganisms

Global **Green Growth**
Ecofriendly Company

Patent No. 10-1183135, 10-1350238



EM KOREA
ENERGY&MACHINERY KOREA CO.,LTD.

Global Green Growth Ecofriendly Company



- 1 Elementary school, France
- 2 University cafeteria, England
- 3 Hospital kitchen, Scotland
- 4 Military base kitchen, Korea



• Food waste disposal through fermentation using thermophile microorganisms

The aerobic-thermophile microorganisms that secrete a unique enzyme developed by the company have a strong decomposing and self-generation ability even in highly saline and acid environments, surviving almost permanently.

• Perfect odor treatment

Don't worry about unpleasant odors, as it is filtered through eight-phase filters equipped in the machine with a double odor treatment function. You can install this machine even in your kitchen.

• Treated powder recycling

The treated powder may be emptied every 7~10 days, which can be used for recycling. The treated powder can be recycled as compost or solid reuse fuel according to input waste type.



CE : Food waste treatment device (20kg, 50kg, 95kg, 195kg)



CE : Organic waste decomposition device (500kg, 2ton, 5ton)



Patent : Food waste treatment device (No.10-1183135)



Patent : Organic waste decomposition device (No.10-1350238)

ECO Cr^obe™

Environmental Friendly Food Waste Disposal Machine

Over 90%(±2) of food waste is fermented and decomposed within 24 hours.

One-Touch Automatic System! Durability and safety of a patented product beyond compare.

The unique technology is internationally validated for minimizing thermal loss and maximizing energy efficiency.



EMK-20M / 20kg

Maximum treatment capacity	20kg/day
Rated voltage	Single-phase/3-phase 3P, 220V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	0.94kWh
Weight	295kg
Dimensions mm (W x D x H)	915 x 870 x 1,125



EMK-50M / 50kg

Maximum treatment capacity	50kg/day
Rated voltage	3-phase 4P, 380/415V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	1.50kWh
Weight	480kg
Dimensions mm (W x D x H)	1,220 x 995 x 1,140



EMK-100M / 95kg

Maximum treatment capacity	95kg/day
Rated voltage	3-phase 4P, 380/415V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	2.50kWh
Weight	825kg
Dimensions mm (W x D x H)	1,750 x 1,120 x 1,235

Utilization of Organic Industrial Waste

ECO-Crobe™ was designed based on environmental friendly scientific technology and bio microbiological technology to decompose the organic industrial waste, also.

Recycling can be done as solid fuel or compost according to the type of waste sludge.



EMK-200M / 195kg

Maximum treatment capacity	195kg/day
Rated voltage	3-phase 4P, 380/415V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	4.00kWh
Weight	1,400kg
Dimensions mm (W x D x H)	2,120 x 1,380 x 1,485



EMK-2TM / 2Ton

Maximum treatment capacity	2ton/day
Rated voltage	3-phase 4P, 380/415V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	30kWh
Weight	10Ton
Dimensions mm (W x D x H)	6,320 x 2,600 x 2,350

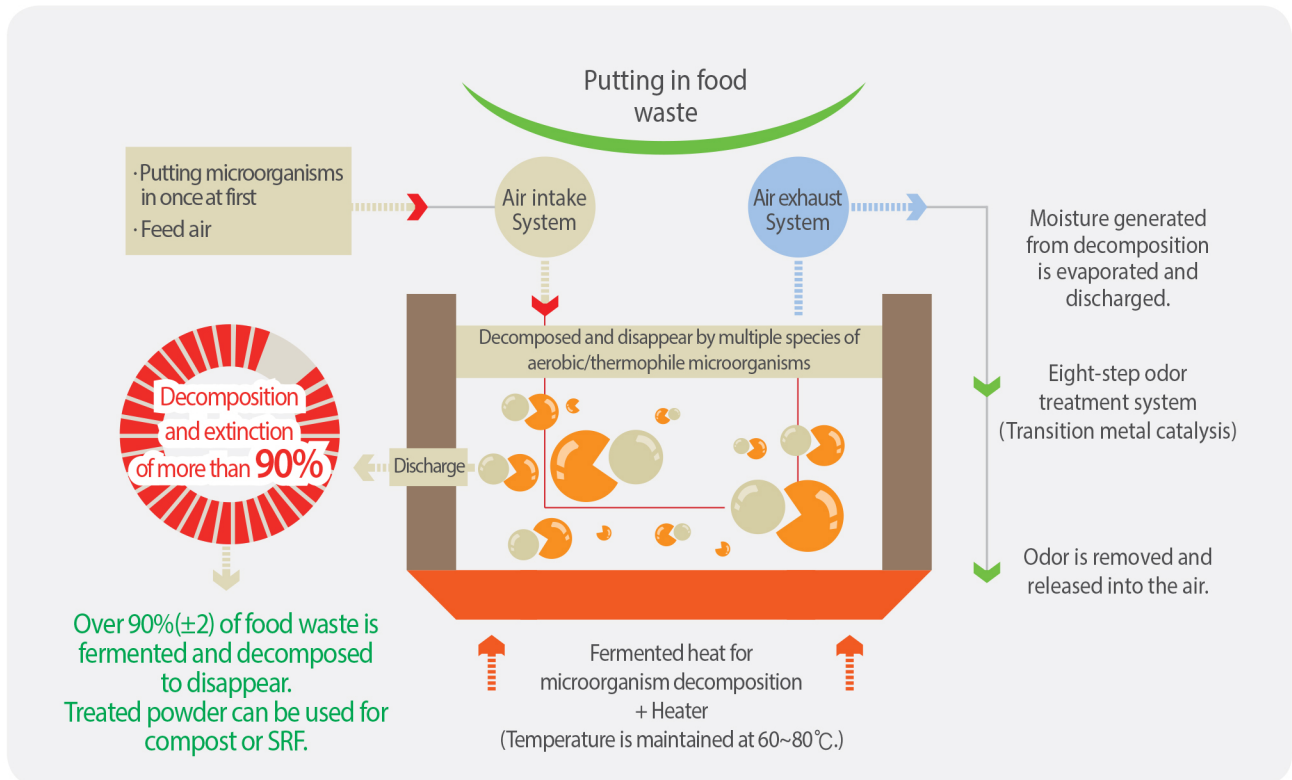


EMK-5TM / 5Ton

Maximum treatment capacity	5ton/day
Rated voltage	3-phase 4P, 380/415V, 50/60Hz
Treatment method	Fermentation and extinction method using the microorganism
Treatment time	Within 24 hours
Deodorization system	Transition metal catalysis methods
Power consumption	60kWh
Weight	16Ton
Dimensions mm (W x D x H)	8,930 x 2,910 x 2,900

ECO Cröbe™

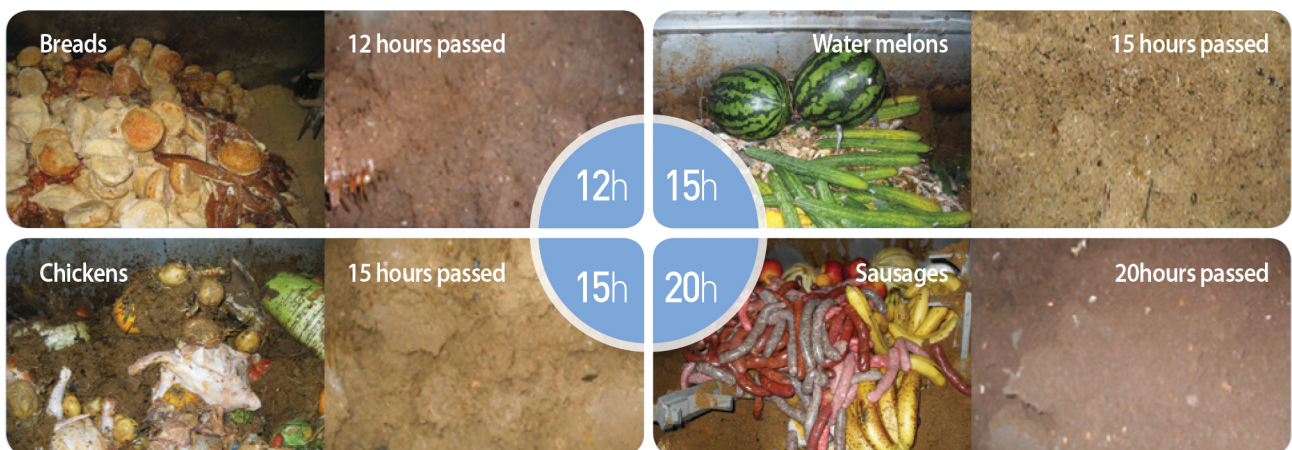
EcoCröbe™ Treatment System



Perfect Treatment of Food Waste

Eco Cröbe treats the food waste **within 24hours** without additionally cutting them into small pieces.

This is an actual example of the treatment process in Europe and Korea.





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Scan QR code with smart phone

Decomposable Food Waste

EcoCrobe can decompose all the food that people can eat and digest. Especially chicken bone, crab shell and hard fine bone can be treated.

Grain foods, fried foods, and cookies

rice, mixed grains, fried potatoes, pizzas, hamburgers, etc



Vegetables and fruits

carrots, cabbages, tomatoes, spinaches, grapes, water melons, pine apples, etc



Meat

chicken, beef, pork and other meats



Noodles and eggs

chilled buckwheat noodle soups, noodle soups, spaghettis, and eggs



Fish and seafoods

Fishes, crabs, shrimps, octopuses, and fish bone

※ Non decomposable things! Do not put them into the tank.

Metal, seashells and animal bones, wood and paper, clothes and medicines, plastic and rubber, etc



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Cares about environment for a better world
EMK will protect environment by recycling organic waste.