



ExBío

Make it SIMPLE and SAFE.

ECO FRIENDLY

Food Waste Disposal



A surreal landscape featuring a large, glowing green planet on the left, a realistic moon on the right, a person standing on a green hill in the middle ground, and a tree with vibrant autumn foliage on the right. A stream flows through the foreground.

Exbio works in changing of the future food waste management industry.

Reduce waste generation and eliminate landfill usage.
Our technologies and services make clients smarter
about food waste disposal.



Mission

Food waste disposal is one of the biggest and significant issue worldwide.

Companies have tried to develop machines and systems to treat organic/food waste.

However disposal of food waste is not easy. Therefore, many companies have failed in developing Eco-Friendly machine for food waste.

ExBio is one of the leading company in the world, has always developed most advanced technology equipped product in this field. ExBio will provide best product and service to satisfy our clients as well as not damaging our nature.

Finally, Exbio aims to be the top company in the field of food waste business by year 2020.

Company Philosophy

Respect Human Beings

High Quality Product for customer

Construction of Eco-Friendly Society

**Best
Product**

ExBio

Customer

**Sustainable
Environment**

Home Installation Spec



By using advanced technology, residential use for food waste digester is now better than ever. Effective and Cost Efficient.

Daily capacity	1.5kg
Input power	220V 50/60Hz
Power consumption	25 Watts
Monthly power consumption	9 kwh
Dimension(mm)	220 (D) x 354 (H)

Commercial Product - Small Sizes



		EX-10	EX-20	EX-30	EX-50
Daily capacity		10kg / 22 lb	20kg / 44 lb	30kg / 66 lb	50kg / 110 lb
Dimension (mm) / (inch)	Width	522 / 20.6	562 / 22.1	643 / 25.1	914 / 36
	Depth	400 / 115.7	470 / 18.5	510 / 30.3	668 / 26.3
	Height	625 / 24.6	711 / 28	765 / 31.5	1012 / 40
Input voltage		220V 50Hz 1P	220V 50Hz 1P	220V 50Hz 1P	220V 50Hz 1P
Power consumption		90 watts	120 watts	180 watts	400 watts
Product weight (kg / lb)		62 / 137	84 / 185	126 / 278	180 / 397
Controller		FND	FND	FND	Touch panel
Bio Star (liter / gallon)		8 / 2	16 / 14	24 / 6	40 / 11
Enzyme (liter / ounce)		100 / 3.4	200 / 6.8	300 / 10	500 / 17

EXBIO solution for COMMERCIAL and RESIDENTIAL



Cost Effective

Processes food waste at significant savings compared to traditional waste disposal.



Eco-Friendly

Reduces the volume of food waste for landfill as input - solid and output -waste water.



Easy to Operate

Dispose of food waste on-site and no need for cleaning or emptying.



Smart and Efficient

Self optimize performance and reduce service downtime. Real-time data analytics. Measures waste accurately.

Commercial Product – Midium Sizes

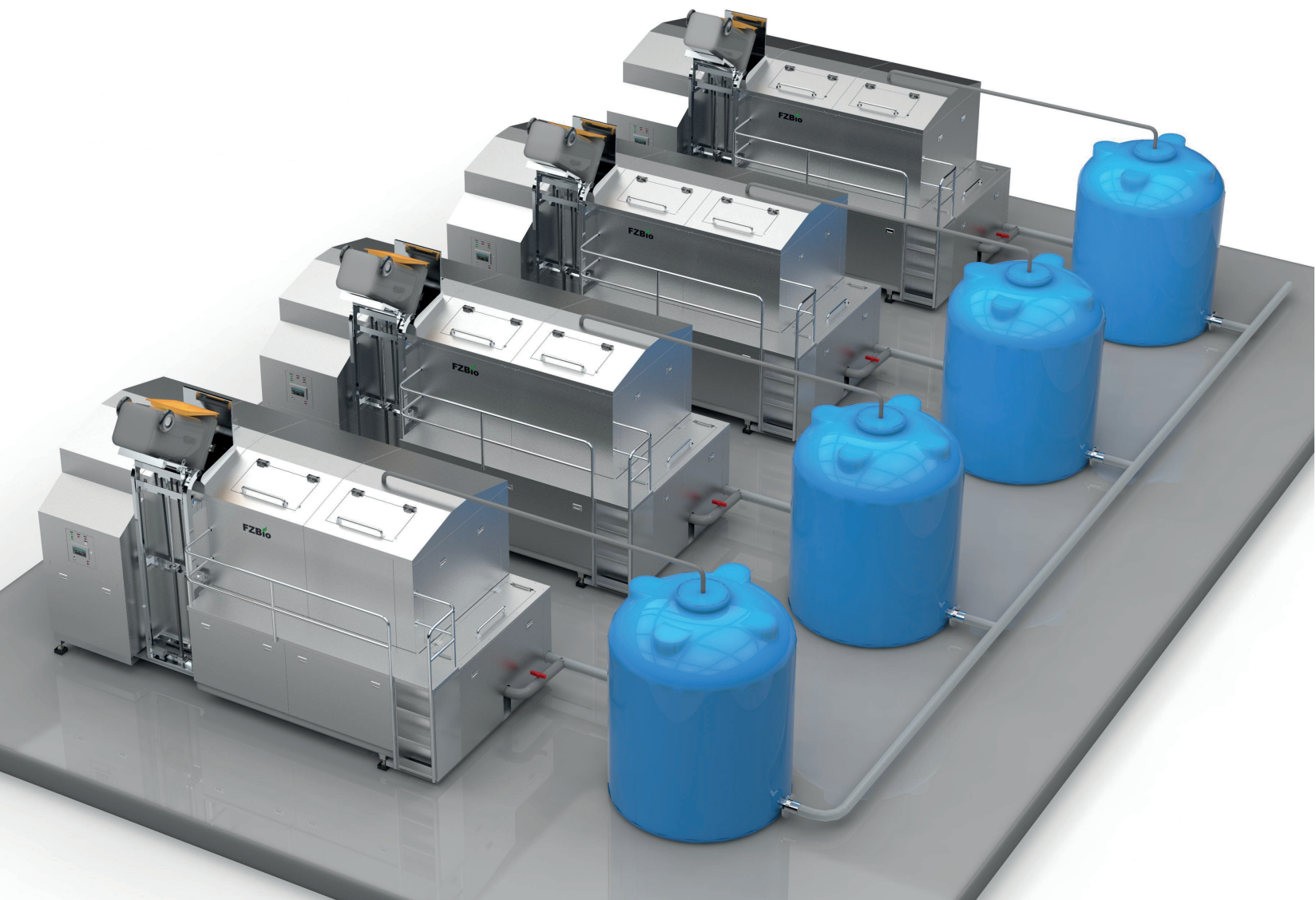


		EX-100	EX-200	EX-300	EX-500
Daily capacity		100 kg / 220 lb	200 kg / 440 lb	300 kg / 660 lb	500 kg / 1100 lb
Dimension (mm) / (inch)	Width	1176 / 46.3	1476 / 58.9	1558 / 61.7	1914 / 75.4
	Depth	780 / 31.3	870 / 34.6	1005 / 39.6	1195 / 47.1
	Height	1150 / 45.3	1260 / 49.9	1446 / 57.4	1623 / 63.9
Input voltage		220V 50Hz 1P	220V 50Hz 1P	380V 50Hz 3P	380V 50Hz 3P
Power consumption		1350 watts	1350 watts	2100 watts	4300 watts
Product weight (kg / lb)		280 / 617	410 / 904	560 / 1235	780 / 1720
Controller		Touch panel	Touch panel	Touch panel	Touch panel
Bio Star (liter / gallon)		80 / 21	160 / 42	240 / 63	400 / 106
Enzyme (liter / ounce)		1000 / 34	2000 / 68	3000 / 102	5000 / 169

Commercial Product – Large Sizes



		EX-1000	EX-2000	EX-3000	EX-5000	EX-10000
Daily capacity		1 ton / 2205 lb	2 ton / 4400 lb	3 ton / 6600 lb	5 ton / 11000 lb	10 ton / 22000 lb
Dimension (mm) / (inch)	Width	2600 / 102.8	3310 / 130.3	4020 / 158.2	4620 / 181.8	5832 / 229.6
	Depth	1470 / 57.1	1730 / 68.1	2026 / 81.5	2490 / 99.2	3422 / 134.7
	Height	1880 / 69.8	2205 / 86.8	2318 / 91.3	2770 / 106	3269 / 128.7
Input voltage		380V 50Hz 3P	380V 50Hz 3P	380V 50Hz 3P	380V 50Hz 3P	380V 50Hz 3P
Power consumption		8,6 kw	10,4kw	16,8 kw	27,0 kw	37,0 kw
Product weight (kg / lb)		1530 / 3373	2740 / 6041	4360 / 9612	7150 / 15763	13,800 / 30424
Controller		Touch panel	Touch panel	Touch panel	Touch panel	Touch panel
Bio Star (liter / gallon)		800 / 211	1600 / 423	2400 / 634	4000 / 1057	8000 / 2114
Enzyme (liter / ounce)		10000 / 338	20000 / 676	30000 / 1014	50000 / 1691	100000 / 3382



EX-Series Features & Benefits

Features

- ✔ Decomposes waste food on site
- ✔ Waste food is decomposed within 24 hours
- ✔ Waste food can be added any time
- ✔ Discharge greywater directly into sewage system
- ✔ Simple operation, Easy maintenance
- ✔ Monitoring amount of food waste ingested and digested
- ✔ Noise and Odor free operation
- ✔ All stainless-steel construction

Benefits

- ✔ Saving costs and labor for disposing of waste food
- ✔ Hygienic working environment
- ✔ No solid waste to manage
- ✔ Avoid creating methane(CH₄) from landfill
- ✔ Reduce Carbon Foot-print
- ✔ General payback time is within 12 months
- ✔ 3 Year Warranty

Applications



Food Processing Plant



Schools & Universities



Food Wholesales



Hospitals



Food Distribution Centers



Hotels & Resorts



Supermarkets



Theme park & Theater



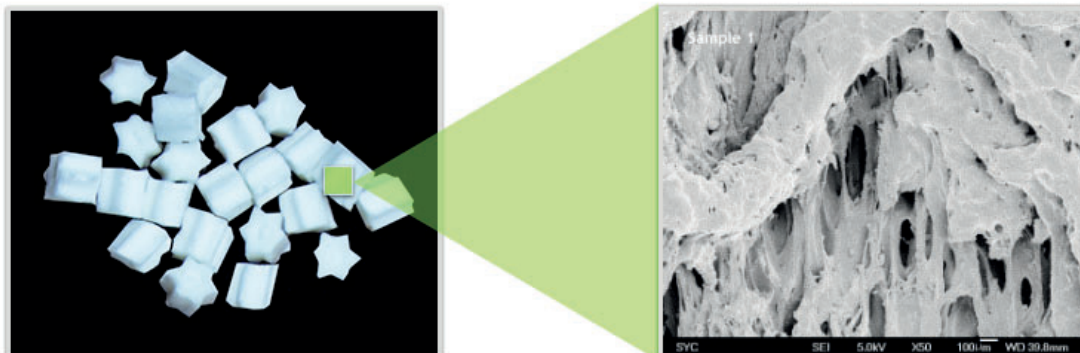
Restaurants



Shopping Malls

Characteristics of Bio Star™

Bio Star™ plays a role to boost Microorganism Activities



<Enlarged view of Bio Star>

- ✔ Excellent microbe-adhering ability
- ✔ The microbes are not flushed away by flowing water or during the food kneading process
- ✔ Semi-permanent
- ✔ Simultaneous biological degradation and physical filtering process

ExBio's Bio Microbiological Technology —
Makes Food Waste into Water within 24 hours.



Food Waste

6 hours

12 hours

24 hours



Estimated Decomposition Time —

Food Waste			Time
	Staple Food	3-5 hours	
	Fish	3-5 hours	
	Meat	4-7 hours	
	Fruit	8-16 hours	
	Root Vegetable	8-24 hours	
	Green Vegetable	8-24 hours	
	Shellfish	12-24 hours	

Installation Reference Sites

EX-Series are applicable for various venues.
EX-Series deliver unexpected higher value for customers.



EX-1000 (1TON)
Sejong City/ Korea



EX-1000 (1TON)
Sejong City/ Korea



EX-1000 (1TON)
Tokyo City/ Japan



EX-1000 (1TON)
Sejong City/ Korea



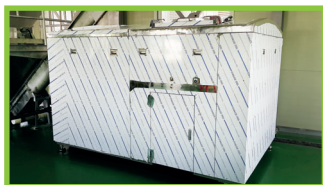
EX-3000 (3TON)
Tokyo City/ Korea



EX-3000 (3TON)
Kobe City/ Japan

Several hundreds of product are installed and operated worldwide.

United States



EX-500 (500kg)
John Hopskin Hospital / North Caroline



EX-200 (200kg)
Georgia Tech University



EX-300 (300kg)
Waste Expo Show / Las Vegas

United Arab Emirates



EX-100 (100kg) / EX-200 (200kg)
Ramada Hotel, / Dubai

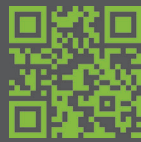


EX-100 (100kg)
Sheraton Hotel / Dubia



EX-50 (50kg)
Distributor Shop / Melbourne

Australia



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