



Make it SIMPLE and SAFE.

ECO FRIENDLY

Food Waste Disposal



A surreal landscape featuring a large, glowing green and white planet on the left, a realistic moon on the right, a vibrant red tree on the right, and a small figure on a green hill in the distance. A stream flows through the foreground.

WasteXpert works in changing the future of 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 most significant issues 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 machines for food waste.

WasteXpert is the one of the leading companies in the world in developing the most advanced technology in the field. WasteXpert provides the best products and services to satisfy our clients without damaging the environment.

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

Company Philosophy

Respect Human Beings
High Quality Products for customers
Construction of an Eco-Friendly Society

**Best
Product**

wasteXpert[®]

Customer

**Sustainable
Environment**

Home Installation Spec

By using advanced technology, the residential use for food waste digester is now better than ever. The product is more 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



		WX-10	WX-20	WX-30	WX-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 / 4	24 / 6	40 / 11
Enzyme (liter / ounce)		3.4 / 100	6.8 / 200	10 / 300	17 / 500

WasteXpert 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 – Medium Sizes

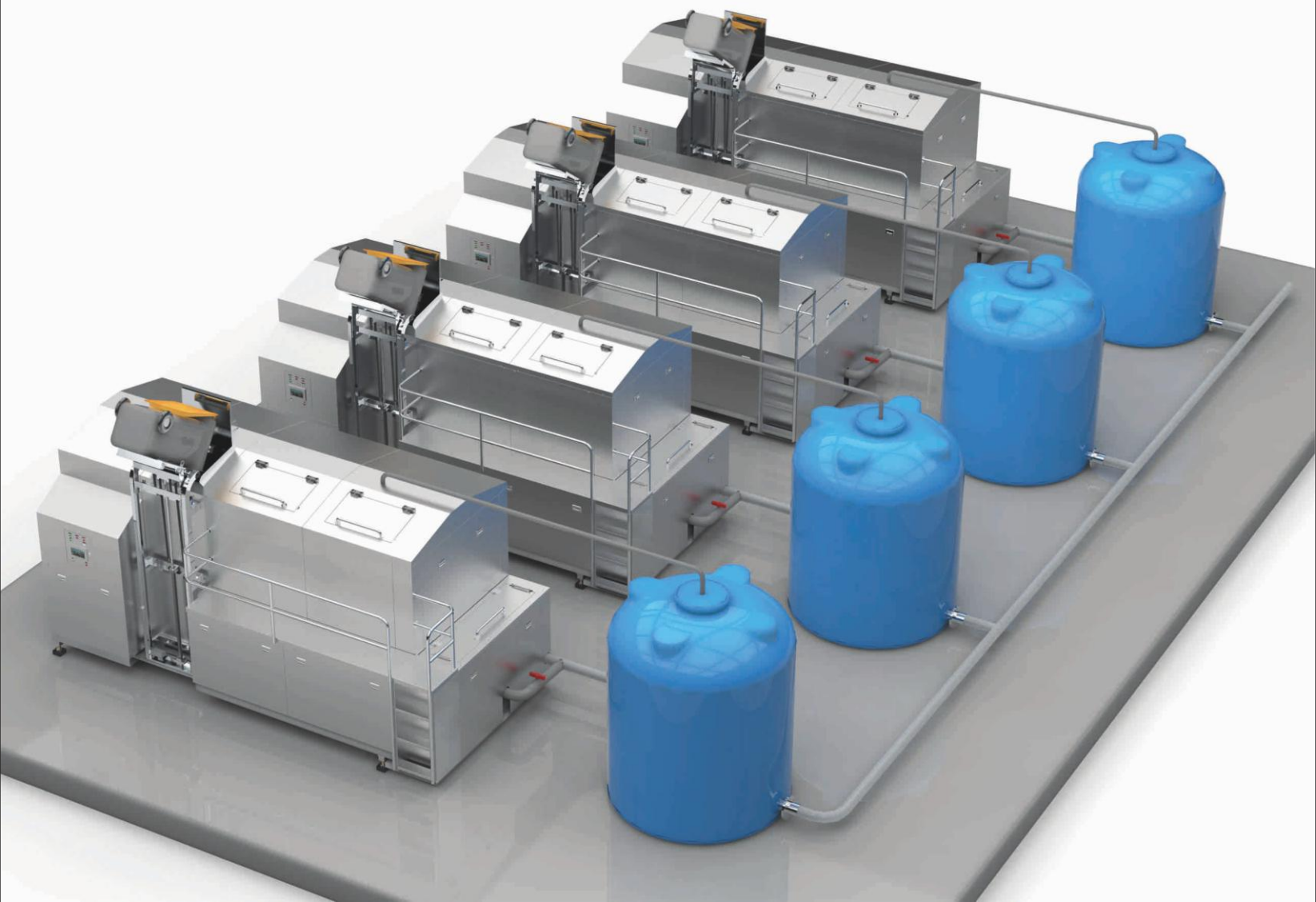


		WX-100	WX-200	WX-300	WX-500
Daily capacity		100 kg / 220 lb	200 kg / 440 lb	300 kg / 660 lb	500 kg / 1100 lb
Dimension (mm) / (inch)	Width	1176 / 46.3	1476 / 58.9	1558 / 61.7	1914 / 75.4
	Depth	780 / 31.3	870 / 34.6	1005 / 39.6	1195 / 47.1
	Height	1150 / 45.3	1260 / 49.9	1446 / 57.4	1623 / 63.9
Input 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)		34 / 1000	68 / 2000	102 / 3000	169 / 5000

Commercial Product - Large Sizes



		WX-1000	WX-2000	WX-3000	WX-5000	WX-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	10,4 kw	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)		338/10000	676/20000	1014 / 30000	1691 / 50000	3382/100000



WX-Series Features & Benefits

Features

- Third point under features: Food waste can be added at any time.
- Discharge grey water directly into the sewage system.
- Simple operation and easy maintenance
- Monitoring amount of food waste ingested and digested.
- Noise and odour free operation.
- All stainless steel construction

Benefits

- Saving costs and labour for disposal of waste food.
- Hygienic work environment
- No solid waste to manage
- Avoid creating methane (Ch4) from landfill
- Reduce carbon footprint
- General payback time - 12 months
- 3 Year warranty

Applications



Food Processing Plant



Schools & Universities



Food Wholesales



Hospitals



Food Distribution Centers



Hotels & Resorts



Supermarkets



Theme park & Theater



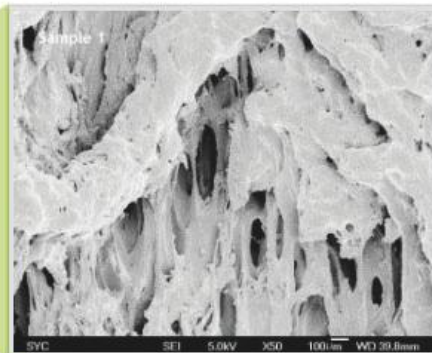
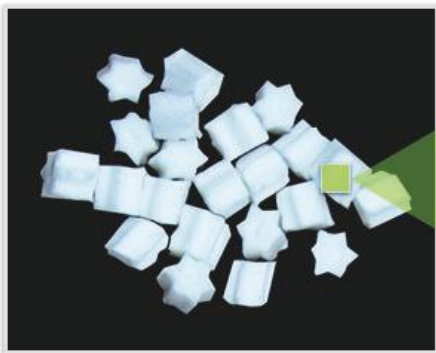
Restaurants



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

WasteXpert Bio Microbiological Technology
Makes Food Waste into *Water* within 24 hours.



Food Waste

6 hours

12 hours

24 hours

Input
Food Waste



Mixed
With microbes



Decomposition



Discharge
Water & Gas

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

WX-Series are applicable for various venues.



WX-1000 (1TON)
Sejong City/ Korea



WX-1000 (1TON)
Sejong City/ Korea



WX-1000 (1TON)
Tokyo City/ Japan



WX-1000 (1TON)
Sejong City/ Korea



WX-3000 (3TON)
Tokyo City/ Korea



WX-3000 (3TON)
Kobe City/ Japan

Several hundreds of products are installed and operated worldwide.

United States



WX-500 (500kg)
John Hopkins Hospital / North Carolina



WX-200 (200kg)
Georgia Tech University



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

United Arab Emirates



WX-100 (100kg) / WX-200 (200kg)
Ramada Hotel / Dubai



WX-100 (100kg)
Sheraton Hotel / Dubai

Australia



WX-50 (50kg)
Distributor Shop / Melbourne



For further enquiries, get in touch with us:

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