



Zwaste Composter

On-site food waste treatment system converting food waste into compost of about 30 to 40% of food waste input within 24 hours.



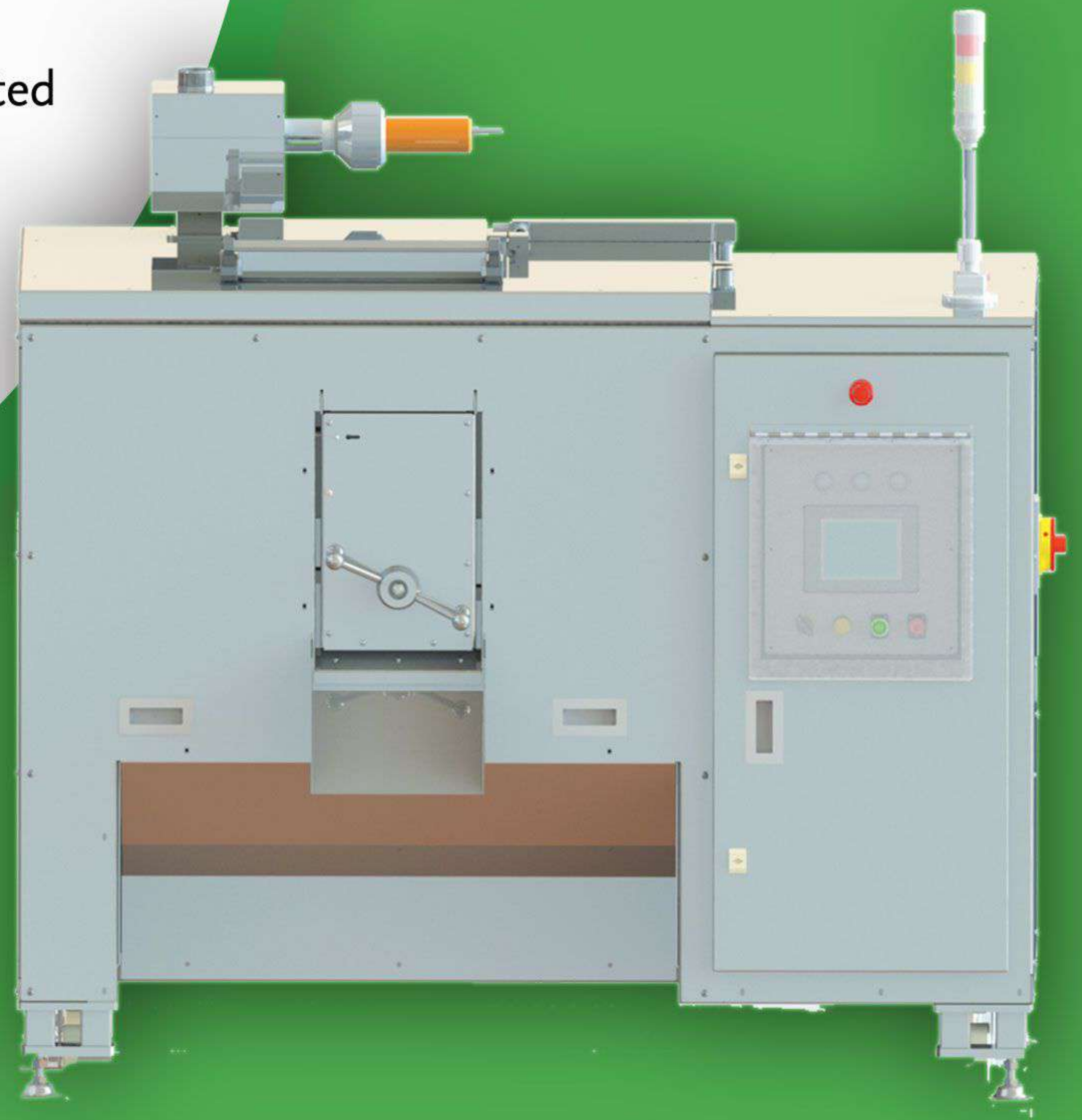
Turning food waste into compost

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Zwaste Composter is a self-contained onsite continuous food waste treatment equipment. Armed with advanced biotechnology, the natural decomposition process is accelerated through maintaining optimal and balanced levels of aeration, moisture and temperature.

Under the controlled environment with our uniquely cultivated microbes, solid food waste is converted into compost with reduction up to 70% in volume within 24 hours.

Compost enriches soil, improves water retention and reduces need for chemical fertilizers. It can be used in plant-potting, roof top gardens and general landscaping.



IMPLEMENTATION BENEFITS

1 Reduces Methane Emissions

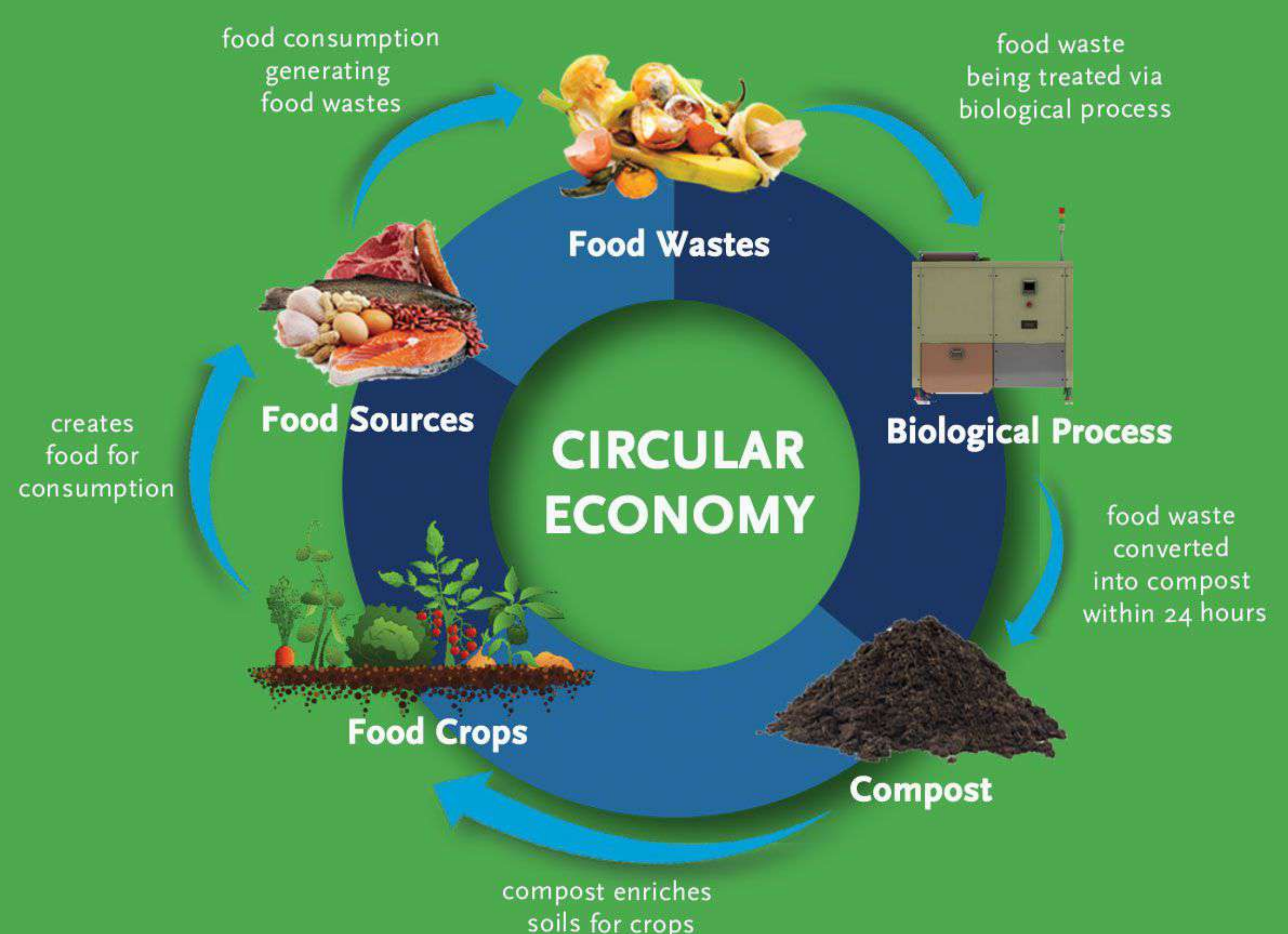
On-site aerobic composting reduce the amount of food waste sent to landfill and in turn reducing methane, a greenhouse gas which is 21 times more damaging than CO₂.

2 Adds Nutrient to the Soil

Compost will help improve soil structure, maintain moisture levels, and keep the soil's pH balance in check while helping to suppress plant disease.

3 Creating Circular Economy

Compost enriches soil for growth of crops which are in turn processed into food for consumption. Food consumption generates food waste which can be converted into compost expeditiously with aerobic process.





**INPUT OF
FOOD WASTE**



**RETRIEVE
COMPOST**



**APPLY INTO
LANDSCAPING**



**CREATES HEALTHY
SOIL FOR PLANTS**

STANDARD FEATURES

- * Rapid conversion of food waste into compost of about 30 to 40% of food waste input within 24 hours
- * Compost can be further pelletized, packed and stored
- * Hassle-free maintenance
- * Energy and space efficient
- * Environment-friendly process without offensive smell and secondary pollutions
- * Efficient, clean and highly automated process
- * Continuous feed and process
- * Simple and straightforward operating procedure
- * Stainless steel casing for easy cleaning and long shelf life
- * User-friendly Programmable Logic Controller (PLC) system

OPTIONAL FEATURES



Built-in Grinder
(to crush bones
and shells)



Bin Lifter
(for easy deposition
of food waste)



Load Cell
(to record
weight tonnage)

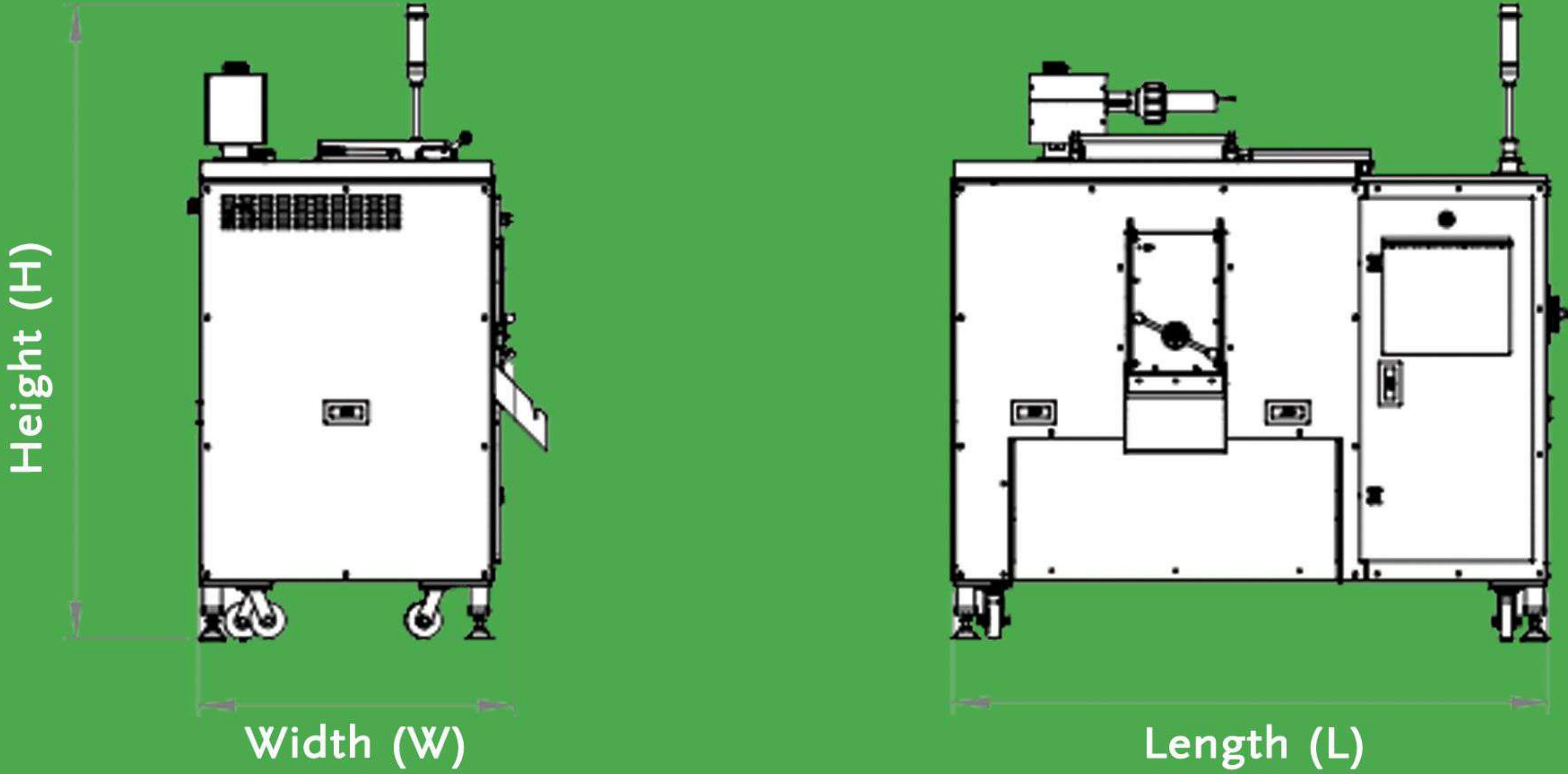


Wireless Access
(online retrieve
weight tonnage)



User Identification
(to identify sources
of food waste)

TECHNICAL SPECIFICATIONS



Standard Models		Capacity	Weight	Dimensions	Power Requirement	Daily Power Consumption
		kg	kg	L*W*H (mm)	VAC – Phase - Amp	kWh (approx.)
NOT Fitted with Grinder	ZW-CV25	25	287	1216*470*1479	415VAC - 3P - 32Amp	6
	ZW-CP150	150	579	1634*868*1741	415VAC - 3P - 32Amp	30
Fitted with Grinder	ZW-CP500	500	1374	2664*1159*2055	415VAC - 3P - 63Amp	55
	ZW-CP1000	1000	1450	3102*1347*2256	415VAC - 3P - 63Amp	65

**Specifications are subjected to change without prior notice*

towards a zero waste nation



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