



Treating commercial food waste at the source and reducing by up to **93%**

smart ES series



the problem

Excessive logistical energy and cost is required to send commercial food waste to landfill. Plus it's an environmental hazard. The food waste decomposes without oxygen (anaerobically) to produce methane, a greenhouse gas with over 20 times the global warming capacity of carbon dioxide. Decomposing food waste is also a potential source of leachates, a liquid that drains from landfills that can contaminate surface and ground water.



the solution

Zero Waste ES series waste management systems can process waste for medium size foodservice operations up to very large institutions or facilities. Compostable waste is dehydrated using an energy efficient and automated control process.

The ES series systems are easy to install, maintain and requires no fresh water connection. Paddles macerate the waste heated by the unit's decomposing chamber to kill any bacteria and reduce the waste matter by up to 93%, producing a dry, light and odour free material that may be used as soil additive.

No Methane Gas Release
(throughout the process)

No More Kitchen Odours

No More Plastic Bags

No Water Needed

No Additives

smart ES series

ES series – commercial food waste management systems

Reduce your waste collection, cost and environmental impact

the dry decomposer range



ES-80



ES-150



ES-300



ES-500



ES-1000

	ES-80	ES-150	ES-300	ES-500	ES-1000
CAPACITY (kg)	50	100	200	335	670
SIZE (mm)			+LIFT	+LIFT	+LIFT
WIDTH	880	920	1000 1140	1330 1350	1350
LENGTH	950	1100	1300 2000	1800 2200	2200
HEIGHT	1140	1350	1400 1550	1550 1650	1650
CIRCUIT BREAKER (amp)	10	16	25	32	50



the features

- 304 stainless steel construction with polished exterior
- Mechanical agitation
- Insulated chamber oil jacket
- Sealed inlet and output doors
- Agitator stops when door is open
- Stand alone, portable design
- 12-18 hour treatment time
- 3.0 kwh power consumption
- One touch fully automatic controls
- Condensate drain line provided

the specifications

Processing method	Multi-stage indirect heat & dry dehydration
Design Type	Standalone, portable 304 stainless steel construction
Average reduction rate	83-93%
Treatment time	12-18 hours
Power	Three-phase 415volt 50Hz
Heating Method	Indirect multi-stage heat and air recirculation
Automated control	One-touch smart control panel
Treatable items	Food waste and compostable disposables (excluding large size bones)
Warranty	1 year manufacturer's standard warranty

**ZERO
WASTE
SYSTEMS**

providing food waste solutions

78 Daly Street, Ascot
Western Australia 6104
Ph: 1300 993 224
Fx: 08 9277 2266
sales@ZeroWasteSystems.com.au

ZeroWasteSystems.com.au