

The Earth Flow Custom Vessel



The Earth Flow Custom Vessel system is built within a stainless steel, greenhouse roof enclosure for heat gain and odor control. The award-winning Earth Flow automated auger mixing system both shreds and aerates the compost while moving the material toward the discharge end of the vessel and requires little labor beyond loading and unloading. The Earth Flow provides control of odors while making gorgeous compost.

Earth Flow Benefits

No other composting system on the market today offers the Earth Flow's combination of high performance, speed, small footprint, odor control and top quality compost at such a reasonable price:

- **Gorgeous Compost** – The traveling auger mechanism produces a superior quality compost: light, fluffy, homogeneous, friable, highly oxygenated.
- **Fully Self-Contained Composting System** – Prevents animals from accessing the compost.
- **Excellent Odor Control** – Five different engineering controls combine to provide unsurpassed control over odors, pests and air quality.
- **Small Footprint for Restricted Space** – The Earth Flow's unique design creates high throughput on a modest footprint.
- **Lower Operational Costs** – The Earth Flow's ease of use makes it the perfect system for on-site composting.
- **Durability/Reliability** – With more than 35 systems operational in the field, the Earth Flow has demonstrated its capabilities and reliability over time.

Phone: (206)319-7102

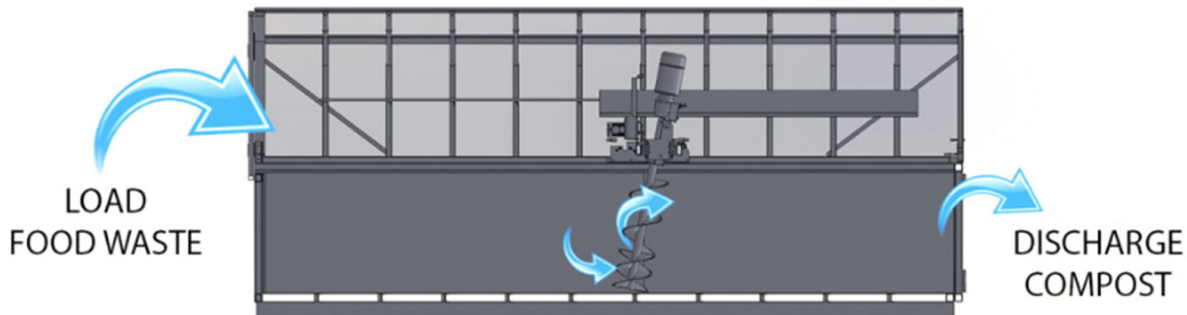
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Custom Vessel Specs



Continuous Flow Design

The Earth Flow is designed such that feedstocks can be loaded on one end of the vessel and finished product discharged from the opposite end. The traveling auger slowly migrates compost toward the discharge end of the vessel. Feedstocks can be added at any time. This greatly simplifies operations. Simply load feedstocks and unload compost, the Earth Flow does the rest.

Equipment	Specifications
Vessel Insulation	R-18 urethane foam insulation (optional)
Mixing Auger	14" 304 Stainless Steel
Gear Motor	5hp 3ph (208/230/460 V-50/60 Hz)
Gearbox	Helical bevel synthetic lube
Carriage and Rail Drivers	¼ - ½ hp
Control Panel	Programmable PLC in NEMA 4x panel
Power Requirements (Motors)	30A 220V single or 208V 3 phase
Power Requirements (Fan and Controls)	15A 110V

Vessel Specifications	EF-20	EF-30	EF-40
Total System Capacity (yd ³)	22	33	44
Input Capacity (tons/day) at 14 days retention	0.8	1.3	1.7
Length - Overall	21'	31'	41'
Width - Overall	8'-4"	8'-4"	8'-4"
Height – Overall (to roof peak)	10'	10'	10'
Approx System Weight (lbs)	7,000	8,500	10,000

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