

# The Earth Flow Site-Built



The Site-Built Earth Flow mixing system is integrated in a client built vessel or structure. Typically, the vessel has a concrete pad and concrete or stainless-lined wood walls and some type of enclosure. The Site-Built Earth Flow can be configured to work in any new or existing building and is custom sized to meet your project needs. The open-end design allows a front-end loader or dump truck to load directly in the system. The Site-Built version significantly reduces the capital cost for larger installations of up to 10 tons per day.

## 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

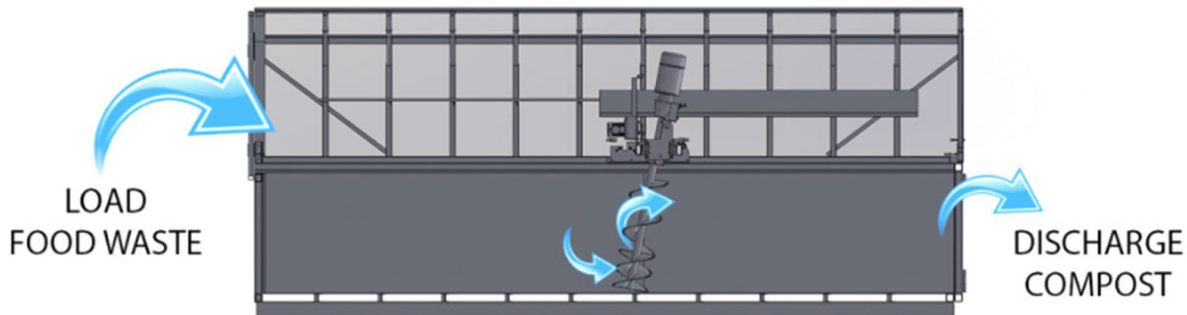
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# Site-Built Specs



## 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
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 Gear Motors	1/8 hp end motor, 1/2 hp side motor
Control Panel	Programable PLC in NEMA 4x panel
Power Requirement	30 A 220V single or 208V 3 phase

Vessel Specifications	EF-2010	EF-3010	EF-4010
Total System Capacity (Yd3)	28	42	56
Daily Input Capacity @21 Days Retention (Tons/ Days)	0.8	1.1	1.5
Daily Input Capacity @14 Days Retention (Tons/ Days)	1.1	1.6	2.1
Daily Input Capacity @7 Days Retention (Tons/ Days)	1.8	2.7	3.6
Length Internal	20'	30'	40'
Width Internal	9'6"	9'6"	9'6"

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