



SG Mobile™ System

Flexible • Movable

Right For The Environment.
Right For Business.



Sustainable Generation's proven SG Mobile™ System is the best solution for your DEMONSTRATION / PILOT PROJECT and SMALL SYSTEM needs. It is a partnership between Sustainable Generation (SG) and our customers. Utilizing the GORE® Cover, our solutions are backed by firsthand owner-operator knowledge and the reliability of twenty years of successful GORE® Cover applications.

Most Flexible Design

- One modular, scalable technology is capable of processing onsite food waste, yard waste, green waste, biosolids and other organic materials
- Designed for batches from 100 to 250 tons, custom sizes available

Small Footprint / Movable

- System-use can begin on ground or any impermeable surface such as asphalt or concrete
- Compact onsite solution using 50' x 100' pad
- Easily relocated from one project site to another

Complete Demonstration / Pilot Project Support

- Sustainable Generation provides the SG Mobile™ system, project management support, project report and the following:
- Mobilization, configuration, on-site support and on-going operational support of the demonstration system during the project
- On-site technical support

Effective In All Climate Conditions

- Hot, Dry, Wet, Cold climate regions

Most Popular Uses

- Pilot/Demonstration Projects – small scale composting to test performance and validate assumptions prior to building full-scale facility
- Sustainable communities, sporting events and festivals

Consistent High Compost Quality In Shortest Time

- Highest quality compost meets all regulatory requirements
- Compost contains plant available nutrients such as nitrogen, phosphorus, potassium, iron, calcium, magnesium and zinc

Lowest Total Cost Of Ownership

- Treatment cost per ton lower compared to other systems because of simplicity of design and operation
- Energy consumption during composting phase: 1.5-2 kWh/t Input Material
- Can run on 110/240/480 volt power

COMPLIANCE FACTS

Effective Odor Control for Good Air Quality

- Odor reduction up to 95% (Odor emission study)

VOC Emission Control

- US/Cal: > 80% thus California Compliant for 80% (acc. to Rule 1133.3, Rule 4565, Rule 4566 & BACT)

Pathogen Reduction and Hygienization

- US: Meets PFRP, VAR, Hygiene and ABPR EPA 503: Alt 5: Use of PFRP [503.32(a)(7) and (B)(1) of Appendix B]

Greenhouse Gas Control

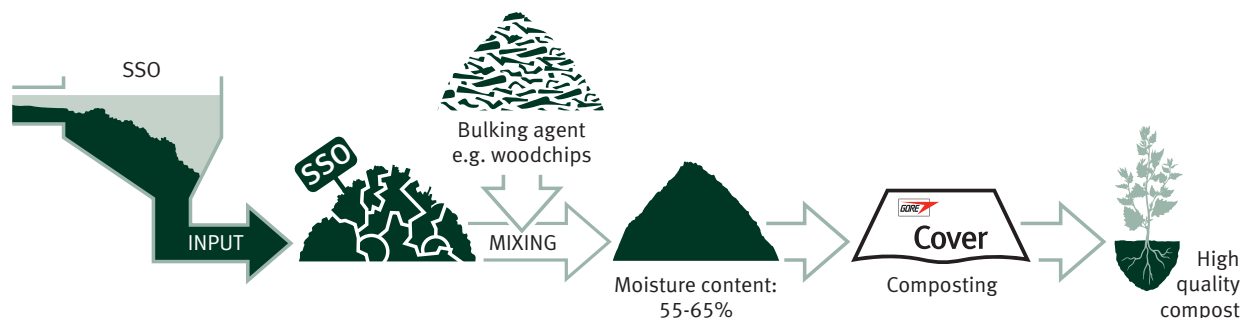
- Lowest possible emission rate (CO2 equivalent) compared to all other technologies

Water Protection

- Waterproof GORE® Cover
- Protection from groundwater contamination
- Clear separation of leachate from stormwater

Dust and Bioaerosol Control

- Bacteria retention > 99%, e.g. Aspergillus fumigatus
- Dust and Particulate Matter (PM) Retention > 99% (Thesis Dr. Kühner: Emission Study)



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