



NaturTech Product Brief

NaturTech a unique containerized compost process suitable for any community or company requiring an alternative to traditional waste treatment systems while providing a renewable energy resource with an immediate return on investment.

Containerized Organics Management Solution

- NaturTech enhances composting operations and meets compliance objectives.
- Eliminate Odors
- Reduce organic landfill
- Create pathogen free compost
- Modular and space efficient
- Biofilter friendly with positive air
- Lower cost than traditional processes
- Operational in 90 days
- Easily integrated into existing operations



Why invest in NaturTech?

- Learn from experience – perceived lowest cost for “waste disposal” often leads to new and greater problems
- Prevent odors, stop or prevent complaints
- Protect investment in land and permits – keep operating
- Prevent surface water run-off
- Meet new air quality, ozone, smog and greenhouse gas rules
- Transition technologies, i.e. buildings, bags, covers have high operating and maintenance costs
- Ready for reliable, utility grade technology with predictable performance – Best Management Practices
- Reduce pathogens and ensure product liability safety
- Value-added soil product marketing opportunity
- Ready for sustainable community – integrated bio-systems approach to corporate or community stewardship planning

Sandavol County, NM Landfill

There is no such thing as “organic waste” – only mismanaged organic resources.



How the NaturTech Composting Process Works

NaturTech Composting System is a Containerized In-Vessel Composting process using modified 20' and 40' corrosion resistant Intermodal containers to convert organic resources into valuable compost products.

Systems range in size from four up to one thousand tons per day. Our stackable digesters and biofilters can be located in the smallest possible area imaginable. A 400 ton per day facility, for example, can operate on as little as five acres, even close to residences and businesses. Choosing containerized composting eliminates corroding buildings, large concrete surfaces, and stormwater treatment basins.

Enclosed composting keeps odorous process air from escaping to the atmosphere, leaving it concentrated for scrubbing in a biofilter. Fully aerated system with temperature control prevents fugitive methane and most volatile organic compound emissions. Intermittent batch processing in low cost, corrosion resistant Intermodal shipping containers prevents fugitive methane and captures otherwise odorous ammonia off-gas during composting resulting in a stabilized, non-polluting commodity. Sensors continuously monitor airflow and temperature to maximize biomass conversion with heat and electricity as renewable energy byproducts. Curing can continue in transit as the processing reactors double as conventional shipping containers, promising unique back-haul and low cost shipping opportunities.

The NaturTech process is certified for carbon credits under the Kyoto greenhouse gas protocols.

Alternative to Traditional Waste Processing

It used to be landfill diversion, resource conservation, and water quality protection that led to building municipal composting systems. Today, air quality regulations governing fugitive methane and ammonia are creating new opportunities for process controlled technologies. Windrow composting systems that could handle digested wastewater treatment solids or yard trimmings are not capable of handling robust feedstocks such as raw wastewater solids and food residuals.

Proven Expertise and Support

NaturTech provides service and support in every stage of exploration, planning, installation, and operation. We offer:

- Feasibility Assessments
- Material Sourcing
- Site selection, design and development
- Permitting Assistance
- Operational support and troubleshooting
- Leasing and Financing
- Operating Training

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