Pre-Engineered ASP System

The Pre-Engineered ASP is GMT's solution for those who want to make a low initial investment with the opportunity to grow their system incrementally. To keep prices tight everything is pre-designed, meaning you don't have to pay for expensive consulting hours to get your system up and running. Instead we provide comprehensive drawings to help you build your own system and integrate it with our state-of-the-art aeration controls system.

In order to meet a variety of size constraints and capacity requirements, we offer the Pre-Engineered ASP system in four different sizes. Systems can have anywhere from one to eight zones per control panel, making it a cost-effective solution for operators handling 500 to 40,000 tons per year. You won't find an aerated system cheaper and more effective than GMT's Pre-Engineered ASP on the market today.

www.compostingtechnology.com
sales@compostingtechnology.com
206.319.7102

GREEN MOUNTAIN TECHNOLOGIES
COMMERCIAL COMPOSTING SOLUTIONS

PRE-ASP Design Features

What We Provide:

- One Blower per zone
- One Probe per zone
- Main Control Panel
- Junction Boxes (when over 3 zones)
- Detailed Drawing Set
- Wiring Schematics
- Operations and Maintenance Manual
- Bill of Materials
- 30 Days of Customer Support

What You Provide

- PVC Headers
- HDPE Laterals
- Fernco's and Other Fittings
- Facility Grading
- Conduit and Cable to Control Panel
- Construction and Commissioning Labor
- Sizing, Pulling, and Terminating Line Voltage

Modular Design

Each of the four Pre-Engineered ASP offerings can run one to eight zones from the same electrical control system allowing you to scale to growing demand Additionally, the pipe on grade design can be easily repositioned catering to those running pilot facilities or others requiring flexible operations.

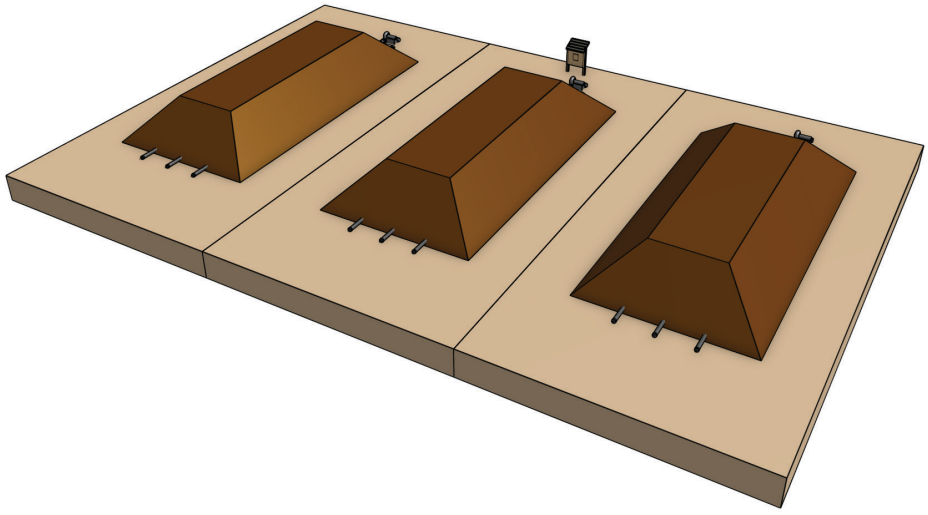
WebMAC's ASP Control System

Each zone is controlled by GMT's state-of-the-art industrial control system WebMACS, which uses temperature readings from a single wired probe to optimize airflow through your zones. This information is broadcast over an internet or cellular connection straight to your desktop and phone, so that you can monitor and operate your facility anywhere within the connected landscape.

Positive Aeration

Positive airflow, or pushing air up through the pile, is the cheapest way to aerobically process compost. Additionally it is suitable for most common feedstocks such as yard waste, green waste, and food waste.

3-Zone 3 HP 275 Cubic Yard Pre-Engineered ASP



www.compostingtechnology.com
sales@compostingtechnology.com
206.319.7102

GREEN MOUNTAIN TECHNOLOGIES
COMMERCIAL COMPOSTING SOLUTIONS

PRE-ASP Specifications

Mechanical Specifications				
Blower Horsepower	1/3 HP	1 HP	3 HP	5 HP
Pile Volume	60 cubic yards	175 cubic yards	275 cubic yards	500 cubic yards
Zone Dimensions	35' x 20'	45' x 25'	65' x 25'	85' x 25'
System Capacity (TPY	500 - 4,500	1,250 - 13,000	2,000 - 22,000	3,750 - 40,000

Electrical Specifications						
Blower Voltage	110V	110V	208V / 230V / 460V		208V / 230V / 460V	
Phase Power	Single-Phase	Single-Phase	Three-Phase		Three-Phase	
Total System Amperage	2.77A - 18.66A	7.32A - 55.06A	8.31A - 62.98A 7.56A - 56.98A 4.03A - 28.74A	208V 230V 460V	13.11A - 101.38A 11.45A - 91.70A 6.22A - 46.26A	208V 230V 460V

Aeration, Control System, and Pricing Specifications	
Zones per System	1 to 8
Control Panel	Programmable Web-Enabled Controller in NEMA 4x Panel
Software	WebMACS
Ducting	PVC, HDPE
Feedstocks	Green Waste, Yard Waste, and more (configurable)
Per Zone Airflow	3 to 5 CFM per Cubic Yard
Price Range	See Pricing and Information Packet (Varies dramatically with capacity)

Exact specifications are subject to change. Customer is responsable for all line voltage sizing, pulling, termination, and branch-circuit protection. All work with AC voltage should be perfomed by a licensed electrician.

www.compostingtechnology.com
sales@compostingtechnology.com
206.319.7102

GREEN MOUNTAIN TECHNOLOGIES
COMMERCIAL COMPOSTING SOLUTIONS