



The Aeromaster PT-Series

Pull-Type Compost Turners

Advanced Drum Design

- Variable drum speed
- Maximum aeration, CO₂ release
- Peaks windrow naturally
- Superior blending

Unique Watering/Inoculant System

- Moisten and inoculate as you turn
- Even and thorough application
- Prevents water runoff and pooling

Hydraulically Retractable Drum

- Lifts completely out of the row in seconds
- Locks in place for safe transport
- Allows windrow inspection
- Easy exit from windrow

Exceptional Reliability, Low Maintenance

- Simple design requires little daily maintenance
- Heavy-duty tubular steel construction
- Expert craftsmanship

Models include: PT-120 (10-foot), PT-130 (11-foot) and PT-170 (14-foot)

Designed to Produce High Quality Compost



Midwest Bio-Systems • 28933-35 E St. • Tampico, IL 61283
(815) 438-7200 • www.midwestbiosystems.com

Aeromaster PT Series Pull Type Compost Turners

The Competitive Edge...

The **advanced drum design** turns materials outside in and inside out to provide superior blending, aeration and CO₂ release. The variable 150-270 RPM drum speed ensures flexibility in blending new rows and building crumb structure. With an open hood the drum design naturally forms a peaked windrow.



The unique water and inoculation system assures even moisture to every particle as the turner moves through the windrow.

Windrow size varies with turner model. Aeromaster models process from 1,000 to 2,300 cubic yards per hour. The hydraulically adjustable rear axle adjusts on-the-go 6" up or down for optimum drum height when moving through the windrow. Contact Midwest Bio-Systems or your authorized dealer for assistance in choosing the model that is the best fit your operation.

Other Features:

- Heavy-duty construction — Tubular steel frame means low maintenance coupled with exceptional reliability.
- Driveline safety — Automatic clutch PTO driveline protection.
- One-man operation — Aerate, blend, water and inoculate all in one pass.

The **mechanical watering and inoculation system** with water manifold and spray nozzles assures even moisture to every particle as the turner moves through the row. Turner water system with cam-lock hose fitting is ready for quick attachment to the Aeromaster Water Tank and Trailer unit of your choice. The convenience of adding water as the row is turned assures sufficient moisture for maximum biological activity and material break-down.

This process also reduces water waste, minimizing runoff and pooling. The system includes four sets of nozzle inserts for maximum control over the quantity of water applied.

The **retractable drum assembly** hydraulically lifts out of the windrow in seconds at any time. This unique feature allows the operator to view the windrow stratification and inspect the profile of windrow. Should windrow conditions or other priorities require an early exit from the windrow, the vertical lift feature makes it quick and easy. The hydraulic ram safety valve provides protection from hood movement and safety latches lock the hood in vertical position for transport.

The operator can **adjust the drum height**, with the hydraulically controlled trailer axle and the outrigger jack to minimize the anaerobic layer at the bottom of the windrow.

Tractor Requirements

- 80 - 120 horsepower
- 540 power takeoff (PTO)
- Creeper gear or hydrostatic drive (to allow for 0.2 mph or 20 feet per minute of travel at rated PTO speed)
- Two sets of remote hydraulic outlets
- A third set of hydraulic outlets with free return required for optional hydraulic water pump

Also from Midwest Bio-Systems...

Advanced Composting Products and Services

- ACS Compost Workshops
- Compost Microbial Inoculants
- Compost Quality & Feedstock Laboratory Analysis
- Test Instruments
- Fabric Covers

Aeromaster Compost Production Equipment

- Self-Propelled
- Tractor Pulled

Sustainable Balanced Soil Fertility System

- Chemical and microbiological laboratory analysis
- Interpretation of lab analysis
- Fertility programming
- Liquid microbial inoculants, food sources, and nutrients
- Tea Power Products — For the production of high quality agriculturally effective compost tea



The drum assembly can be lifted completely out of the windrow.



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