



The Aeromaster PT-170 *Pull Type Compost Turner*

- **Large Capacity**
- **Highly Productive**
- **Heavy Duty**
- **Very Mobile**

Designed to Produce High Quality Compost



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

Aeromaster PT-170 Pull-Type Compost Turner

PT-170 Specifications

Windrow Width: 14'

Windrow Height: 6.5'

Turning Capacity: 2,670 cubic yd/hr

Water System:

- Dual Manifold — 10 Water nozzles
- Individual Manifold Valve
- Includes #40, 60, 80, 120 inserts
- Moistens and inoculate as you turn
- Even and thorough application
- Prevents water runoff and pooling

Advanced Drum Design:

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

Hydraulically Retractable Drum:

- Lifts completely out of row in seconds
- Allows windrow profile inspection
- Easy exit from windrow
- Independent hydraulics for leveling drum

Auto trip drive line protection

Wide floatation tires

Abrasion resistant and hard face tines

Tractor Requirements

- 130-140 Horsepower
- 1,000 RPM Power Take Off
- Creeper gear (to allow for 0.2 mph or 20 feet per minute of travel at rated PTO speed)
- Three (3) sets of remote hydraulic outlets



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. Turners with high RPM drums can destroy crumb structure. With an open hood, the drum design naturally forms a peaked windrow which produces higher quality compost in a shorter production cycle. Peaked windrows maintain internal windrow temperature and shed water better than "flat top" rows.

The Watering and Inoculation System, with two water manifolds and ten spray nozzles, assures even moisture to every particle. The convenience of adding water as the row is turned assures sufficient moisture for maximum biological activity and material breakdown. This PT-170 comes with four sizes of nozzle inserts to accurately control the amount of water added to the row which reduces water waste, minimizing runoff and pooling.

Fitted with the optional transport axle, the PT-170 can be quickly converted from production mode to transport mode for moving the PT-170 from one location to another. A transport mode rear hitch is available so a water trailer can be transported along with the PT-170.



Large scoops gather stray material along side the row and bring it into the turning process.



The Retractable Drum Assembly hydraulically lifts out of the windrow in seconds at any time. This unique feature allows the operator to view windrow stratification and inspect the profile of the windrow. Should windrow conditions or other priorities require an early exit from the windrow, the vertical lift feature makes it quick and easy.



Simple design that requires little daily maintenance and heavy-duty tubular steel construction make the PT-170 a machine that lasts.



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