



# The Aeromaster SP-170

## Self-Propelled Compost Turner

### **Advanced Drum Design**

- Variable drum speed
- Maximum aeration, CO<sub>2</sub> release
- Unique drum design peaks windrow for greater aeration and temperature control
- 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

### **Exceptional Reliability, Low Maintenance**

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

**Designed to Produce High Quality Compost**



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# Aeromaster SP-170 Self-Propelled Compost Turner

**170 inch wide drum with 88 bolt-on tines** turns materials outside in and inside out to provide superior blending, aeration and CO<sub>2</sub> release. The variable 50-300 RPM drum speed ensures flexibility for turning new rows and building crumb structure. Oversized hydraulic scoops envelope materials up to 15 feet wide and drum design naturally forms a peaked windrow sizing



*The SP-170 Aeromaster Drum is especially designed to turn outside in and inside out, treating every particle in the windrow.*

14 feet at base, 6.5 feet high. Hydraulic, variable speed drive motors at each end turn the drum. Tapered roller bearings offer low maintenance and long service life.

**Mechanical Watering System** with water manifold and spray nozzles assures even moisture to every particle as the turner moves through the row. Choice of water tank or hose reel water delivery system. The poly tank system holding up to 2,000 gallons or the hose reel system with up to 800 feet of 3-inch hose are mounted directly on the turner. The convenience of adding water as the row is turned assures sufficient moisture for maximum biological activity and material breakdown. This process also reduces water waste such as runoff and pooling typical with traditional methods. The SP-170 Aeromaster Drum is especially designed to turn outside in and inside out, treating every particle in the windrow.

## Retractable Drum Assembly

hydraulically lifts out of the windrow in seconds at any time. This feature, unique to Aeromaster, provides the operator with maximum control. Operator can adjust drum height, view windrow stratification and center of windrows. Should conditions require the row not to be turned or in the event of a breakdown or malfunction, the drum can be lifted completely out of the row without destroying the windrow and the turner quickly moved to another location.

## Comfortable Operator's

**Compartment** provides an efficient, productive work environment. A deluxe, air-conditioned John Deere cab features simple electronic controls, speedometer, drum tachometer, drum pressure, and water controls. Safety gauges monitor engine oil and pressure. Automatic engine shut down is activated in the event of over-heating or oil pressure failure.

## Additional Standard Equipment:

- Four wheel Drive
- Electronic Control System
- 150 gallon fuel tank
- Large deck and catwalk for easy access/maintenance
- Four hydraulic pumps for efficient hydraulic operations
- Fire extinguisher
- Backup Alarm
- Windshield washer
- AM/FM Radio

## Optional equipment includes:

- Drum camera with cab display
- Hydraulic reservoir heater
- Reversible Drum

## Other Features:

- **Heavy-Duty Construction**
  - 0.844" drum wall
  - 12 gauge sheet steel hood
  - 8" x 8" x 3/8" tubular steel frame
- **Hydrostatic Drive System**
  - Operating speed: 0.2 - 1.0 m.p.h.
  - Transport speed: up to 14 m.p.h.
- **305 Horsepower Cummins QSC Tier 3 Engine** — High fuel efficiency and latest emission controls
- **One Man Operation:** Aerate, blend, water, and inoculate all in one pass! Reduce overhead expense, lowering cost per cubic yard.



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



*SP-170 equipped with the hose reel system*

