



At every turn, you can rely on Vermeer

Vermeer, with its recent acquisition of Wildcat Mfg. Co., Incorporated, makes it easier to capitalize on composting market opportunities by offering equipment that helps process organic waste quickly and efficiently, so it can be turned into useful end products. We offer a full line of compost turners, trommel screens and horizontal and tub grinders that are built to last, with innovative designs to help improve productivity and streamline maintenance.

Vermeer composting equipment is backed not only by years of experience in the field, but also by the dedicated support of your local Vermeer dealer. Our global dealer network is on the front line with you, providing training, parts and service every step of the way.

Breaking down the differences between compost turners

Compost turners are essential for any operation producing large amounts of compost. By turning and mixing the compost, aeration is maximized, which helps speed decomposition, thereby increasing facility productivity.

Compost turners fall into two basic categories — drum-style and elevating-face turners. Vermeer and Wildcat manufacture both styles, allowing customers to pick the machine that best suits the needs of their individual operation.



Drum-style turners

These efficient turners feature a horizontal steel drum with flails that spin rapidly to turn the compost windrow and mix fresh air into the pile. Drum-style turners are ideal if facility space is not an issue.

Vermeer drum-style turners are available in self-propelled models, self-powered towable and PTO-driven towable models for windrow applications.



Elevating-face turners

Elevating-face turners employ a wide conveyor with teeth to lift and tumble compost material up and over the top of the machine, completely inverting it into a stack behind the machine or conveying it to the side for continuous stacking. This process does not reduce material size, which helps minimize compaction while introducing oxygen in the pile to speed up decomposition.

Elevating-face turners are ideal for continuous-stack applications, which enable a facility to produce more compost per acre with a limited amount of facility space.

CT612

The CT612 by Wildcat is a power-takeoff (PTO) driven, towable, high-performing turner with impressive features. Its 35" (88.9 cm) flail-tip-to-flail-tip drum diameter provides optimized aeration of the windrow.

The CT612 is designed to aerate windrows up to 6' (1.8 m) high by 12' (3.7 m) wide in a single pass, and delivers a maximum capacity of 1500 tons (1360.8 tonnes) per hour, depending upon tow tractor horsepower. It's also built with a heavy-duty frame featuring structural steel tubing and steel plates for added rigidity and durability.

The CT612 is available with an optional kit to convert to transport mode for highway towing between jobsites, using the tow tractor hydraulics and simple hand tools.



CT612 Specifications

General Dimensions

Max width: 19.4' (5.9 m)
 Max height: 7.7' (2.3 m)
 Max length: 18.7' (5.7 m)
 Max ground clearance: 15" (38.1 cm)
 Weight: 8780 lb (3982.5 kg)
 Tongue weight (operational): 1505 lb (682.7 kg)

Processing Size

Windrow width: 12' (3.7 m)
 Windrow height: 6' (1.8 m)

Turning System – Drum

Drum diameter (including flails): 35" (88.9 cm)
 Length of drum: 11.9' (3.6 m)
 Number of flails: 68
 Flail dimensions: .5" x 4" x 12" (1.3 cm x 10.2 cm x 30.5 cm)
 Drum wall thickness: .5" (1.3 cm)

Frame

Mainframe: 4 cross frames constructed of 4" x 3" x .2" (10.2 cm x 7.6 cm x .5 cm) tubing with continuous welding
 Tires: 12.5 L – 16 14-ply tubeless (2)

Controls

Display type: None
 Gauges: None
 Controls: None

Tow Vehicle Requirement

Min tow vehicle weight: 5700 lb (2585.5 kg)
 Min ground speed: 44 fpm (13.4 m/min)
 Max towing speed: 20 mph (32.2 km/h)
 Min horsepower: 80 hp (59.7 kW)
 Max horsepower: 150 hp (111.9 kW)
 Hitch type: Draw bar hitch
 Hydraulics: 2 outlets, min 10 gpm (37.9 L/min) @ 2000 psi (137.9 bar)

Options

Low-speed transport package
 PTO: 1000 or 540 rpm

For a complete list of specifications, visit vermeer.com.

The compost turner line-up joins the family of Vermeer products serving the woodwaste processing and recycling industries:



Available in both trailer-mounted and track-driven configurations, Vermeer horizontal grinders offer the industry-recognized SmartGrind feed system and the service friendly series II duplex drum standard.



With power and features for tomorrow's high volume land clearing and wood recycling applications, look to the proven lineup of Vermeer tub grinders.



The operator-inspired group of Wildcat by Vermeer trommel screens offer a range of options to fit your needs and budget.



Backed by decades of market experience, Vermeer offers the industry's largest and most diverse list of tree-focused solutions, including brush chippers, stump cutters and whole tree chippers (shown).