At every turn, you can count on Wildcat products.

Since our founding in 1973, Wildcat Mfg. Co., Incorporated, has been a recognized leader in the organic processing industry. Today, we’re one of the world’s largest manufacturers of compost turners, with five models designed to fit most needs.

Wildcat compost turners are known for their heavy-duty construction and excellent choice of horsepower options for dependable performance. Our large-diameter drums feature long flails, delivering outstanding mixing capabilities — critical for efficient windrow aeration, odor minimization and speedy decomposition. Wildcat offers both towable and self-propelled models capable of processing windrows up to 8’ (2.4 m) in height and 20’ (6.1 m) in width.

Wildcat equipment is backed by our nearly 40-year proven commitment to customer satisfaction and by our independent, authorized dealer network.
The Wildcat PTS612 is power-takeoff (PTO) driven, towable, and a high-performing turner with impressive features. Its 35" (88.9 cm) drum diameter from flail tip to tip provides aeration of the windrow. Designed to aerate windrows up to 6' (1.8 m) high and 12' (3.7 m) wide in a single pass, the PTS612 delivers a maximum capacity of 1500 tons (1360.8 tonnes) per hour, depending upon tow tractor horsepower. It also features a heavy-duty frame for durability and less wear on major components.

### PTS612 Specifications

#### General Dimensions
- Maximum width: 19.4' (5.9 m)
- Maximum height: 7.7' (2.3 m)
- Weight: 8780 lb (3982.5 kg)
- Tongue weight: 1505 lb (682.7 kg)

#### 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
- Hitch frame: 6" x 3" x .25" (15.2 cm x 7.6 cm x .6 cm) tube
- Sheet metal: 7 gauge

#### Tires and Wheels
- Tire size: 12.5 L – 16 14-ply tubeless
- Rim size: 10" x 16" (25.4 cm x 40.6 cm) — 8 bolt
- Wheel lift cylinders: 2 – 3.5" (8.9 cm) bore x 16" (40.6 cm) stroke; 1 – 3.5" (8.9 cm) bore x 20" (50.8 cm) stroke
- Maximum transport speed: 20 mph (32.2 km/h)

#### Processing Tunnel
- Windrow height: 6' (1.8 m)
- Windrow width: 12' (3.7 m)

#### 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)

#### Drive Line
- PTO shaft: Weasler 1000 rpm
- Right angle gearbox: 1000 rpm (175 hp [130.5 kW] maximum)
- Drum shaft coupler: 80 – 2 roller chain
- Drive line bearings: 2 – 1.9" (4.8 cm) ball bearing

#### Tow Vehicle Requirement
- Minimum ground speed: 44 fpm (13.4 m/min)
- Maximum towing speed: 20 mph (32.2 km/h)
- Minimum horsepower: 80 hp (59.7 kW)
- Maximum horsepower: 150 hp (111.9 kW)
- PTO: 1000 rpm
- Hydraulics: 2 outlets, minimum 10 gpm (37.9 L/min) @ 2000 psi (137.9 bar)
- Minimum weight: 5700 lb (2585.5 kg)
- Hitch type: Draw bar hitch
- Highway towing includes: Dual safety chains, DOT approved lighting and marking, SMV
The towable Wildcat TS514 can turn a windrow 5’ (1.5 m) high and 14’ (4.3 m) wide. Its large drum diameter tip to tip, combined with a 173-hp (129 kW) engine delivers a maximum capacity of 2300 tons (2086.5 tonnes) per hour.

For ease of operation, an electronically controlled, hydraulically engaged clutch powers a dual-reduction drum drive system. The first reduction includes a high-efficiency synchronous belt drive system for low maintenance and long service life. The second reduction includes an enclosed oil bath 80-3 roller chain drive. The enclosed engine compartment helps keep the radiator clear and minimizes UV exposure damage to hoses and wiring. It also features convenient service access to both sides of the engine.
The Wildcat TS616 is a towable unit that is able to turn a windrow 6' (1.8 m) high and 16' (4.9 m) wide. The TS616 features a 40" (101.6 cm) drum tip-to-tip diameter and the 275-hp (205.1 kW) engine offers a maximum turning capacity of 3000 tons (2721.6 tonnes) per hour.

As with the TS514, drum engagement is easy with the electronically controlled, hydraulically engaged clutch drum drive system with dual reduction. The first reduction includes a high-efficiency synchronous belt drive system for low maintenance and long service life. The second reduction includes an enclosed oil bath 80-4 roller chain drive.

The TS616 also features an enclosed engine compartment that helps keep the radiator clear, minimizes UV exposure damage to hoses, and features convenient service access.

**TS616 Specifications**

**General Dimensions**
- Maximum width (operational): 25.5' (7.8 m)
- Maximum width (transport): 8.3' (2.5 m)
- Maximum height (operational): 14.7' (4.5 m)
- Maximum height (transport): 11.5' (3.5 m)
- Maximum length (operational): 21.3' (6.5 m)
- Weight: 17,800 lb (8073.9 kg)
- Tongue weight: 1800 lb (816.5 kg)

**Engine**
- Make and model: John Deere PowerTech RG6090HF Tier 3
- Number of cylinders: 6
- Horsepower: 275 hp (205.1 kW)
- Torque: 968 ft-lb (1312.4 Nm)
- Fuel tank capacity: 95 gal (359.6 L)
- Fuel type: Diesel
- Air cleaner type: Dry-type with pre-cleaner
- Cooling medium: Liquid-cooled
- Coolant capacity: 4.3 gal (16.3 L)
- Alternator: 90 amp
- Battery: 12V 660 CCA

**Hydraulic System**
- Tank capacity: 7.5 gal (28.4 L)

**Frame**
- Mainframe: Constructed of 4" x 4" x .25" (10.2 cm x 10.2 cm x .6 cm) structural steel tubing with continuous welding

**Processing Tunnel**
- Windrow height: 6' (1.8 m)
- Windrow width: 16' (4.9 m)

**Drum**
- Drum diameter (including flails): 40" (101.6 cm)
- Length of drum: 15.8' (4.8 m)
- Number of flails: 92
- Flail dimensions: .5" x 4" x 12" (1.3 cm x 10.2 cm x 30.5 cm)
- Drum wall thickness: .6" (1.5 cm)
- Drum clutch: Electronically controlled hydraulic-engaged clutch with accumulator
- Drive system first reduction: Synchronous Poly Chain 3.5" (8.9 cm) wide
- Drive system second reduction: 80-4 roller chain with external tensioning device

**Cabled Remote Control Panel**
- Display type: LCD readout and LED warning lights
- Gauges: Murphy Powerview with monitors — engine rpm, coolant temperature, oil pressure, volts, engine hours, fuel level, engine load and engine fault codes
- Controls: Engine ignition, throttle, clutch engage / disengage, raise and lowering of machine, tongue extend and retract, thrown object deflector raise and lower

**Tow Vehicle Requirement**
- Minimum tow vehicle weight: 11,900 lb (5397.7 kg)
- Minimum ground speed: 44 fpm (13.4 m/min)
- Maximum towing speed: 20 mph (32.2 km/h)
- Minimum horsepower: 60 hp (44.7 kW) with optional low speed creep gear
- Hitch type: Clevis style
The Wildcat SPB718 self-propelled straddle turner is built to perform, capable of turning 7’ (2.1 m) high and 18’ (5.5 m) wide windrows. The SPB718 features a .75” (1.9 cm) thick drum wall and a 44” (111.8 cm) tip-to-tip flail diameter for extra durability and capacity. Add to this an impressive 540-hp (402.7 kW) engine, and you get a capacity of up to 5000 tons (4535.9 tonnes) per hour.

The microprocessor-controlled wet hydraulic clutch powers a dual poly chain drum-drive system that eliminates V-belts and chains resulting in efficient power transfer, low maintenance and longer service life. The climate-controlled, extendable, center-mounted cab provides excellent operator visibility and comfort. The enclosed engine compartment helps keep the radiator clear and minimizes UV exposure damage to hoses and wiring.
The Wildcat SPB820 self-propelled straddle turner is our biggest performer, capable of turning 8' (2.4 m) high and 20' (6.1 m) wide windrows. The SPB820 features a .75" (1.9 cm) thick drum wall and a 54" (137.2 cm) tip-to-tip flail diameter for extra capacity and durability. It is capable of turning up to 6300 tons (5715.3 tonnes) per hour.

The microprocessor-controlled wet hydraulic clutch powers a dual poly chain drum-drive system that eliminates V-belts and chains resulting in efficient power transfer, low maintenance and longer service life. The climate-controlled, extendable, center-mounted cab provides excellent operator visibility and comfort. The enclosed engine compartment helps keep the radiator clear and minimizes UV exposure damage to hoses and wiring.
Wildcat backs every product with industry-leading service and support.

When you need service, you can count on your local Wildcat dealer. With multiple locations, your Wildcat dealer offers reliable service that helps keep your equipment running.

Wildcat compost turners are known for quality construction with their heavy-duty frames that add rigidity to the unit, while the large-diameter drums and aggressive flails provide a consistent mixing action.

Visit www.vermeer.com to view the Wildcat line of products. And for more information or to schedule a demo, contact your local independent, authorized Wildcat dealer today.