

CT616 COMPOST TURNER



AGGRESSIVE FLAILS. The aggressive Vermeer flails help ensure aeration and mixing. When properly aerated, the composting cycle is considerably shortened and site throughput is increased.



RELIABLE COMPONENTS. The poly-synchronous belt drum drive helps reduce maintenance and offers efficient transfer of power.



CONVENIENT TOWING. An optional low-speed transport kit makes converting between work and transport modes quicker and easier. The CT616 can be changed from transport to operating mode using machine hydraulics.



EXTENDED CLUTCH LIFE. Engine power is transferred through the hydraulically actuated PT Tech clutch. To help extend clutch life, control software prevents the operator from engaging or disengaging the drum drive at full engine rpm.



CONTROL SYSTEM. Operators can monitor and control the machine from the comfort of the tow vehicle. Changes can be made on the fly as the unit goes through the windrow.



EASE OF MAINTENANCE. All grease points are accessible from ground level. Hinged, lockable doors on both sides of the engine provide spacious access for maintenance.

CT616 COMPOST TURNER

GENERAL DIMENSIONS

Max transport height: 11.8' (3.6 m)

Max operational width: 25.5' (7.8 m)

Max operational length: 21.3' (6.5 m)

Weight: 22,570 lb (10,237.6 kg)

Tongue weight: 3800 lb (1723.7 kg)

Capacity: Up to 3000 tons/hr (2721.5 metric tons/hr)

ENGINE

Make/Model: John Deere RG6060HF PowerTech T4F (Stage IV)

Number of cylinders: 6

Max gross horsepower: 275 hp (205 kW)

Fuel tank capacity: 90 gal (340.7 L)

HYDRAULIC SYSTEM

Tank capacity: 13 gal (49.2 L)

Filtration method: Suction filter in reservoir, pressure and 10-micron return filter

FRAME

Mainframe: Constructed of 4" x 6" x .25" (10.2 cm x 15.2 cm x .6 cm) structural steel tubing

PROCESSING TUNNEL

Windrow width: 16' (4.9 m)

Windrow height: 6' (1.8 m)

DRUM

Drum diameter (including flails): 40" (101.6 cm)

Length of drum: 190" (482.6 cm)

Number of flails: 92

Flail dimensions: .5" x 4" x 12" (1.3 cm x 10.2 cm x 30.5 cm)

TOW VEHICLE REQUIREMENTS

Min tow vehicle weight: 11,900 lb (5397.8 kg)

Min ground speed: 44 fpm (13.4 m/min)

Max towing speed: 20 mph (32.2 km/h)

Min horsepower: 60 hp (45 kW)

Hitch type: Clevis-style

CONTROL STATION

Display type: LCD

Gauges: Engine rpm, coolant temperature, oil pressure, volts, engine hours, fuel level, DEF level, engine load, fuel rate and engine fault codes

Controls: Engine ignition, throttle, clutch engage/disengage, raise and lowering of machine, tongue swing, thrown object deflector raise and lower

NOTES:

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