

CT616 COMPOST TURNER



AGGRESSIVE FLAILS. The aggressive Vermeer flails 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 adjustable shafts.



CONVENIENT TOWING. An optional low-speed transport kit makes converting between work and transport modes quicker and easier using tow-tractor hydraulics and simple hand tools.



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.



CONTAINMENT CURTAINS. Rubber containment curtains draped over the front and back help keep material in the windrow, reducing the quantity and distance of thrown objects.



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.

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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: 17,800 lb (8073.9 kg)

Tongue weight: 3800 lb (1723.7 kg)

Capacity: 3000 tons/hr (2722 metric tons/hr)

ENGINE

Model: John Deere RG6060HF PowerTech Tier 4i (Stage IIIB)

Number of cylinders: 6

Max gross horsepower: 275 hp (205 kW)

Fuel tank capacity: 85 gal (321.8 L)

HYDRAULIC SYSTEM

Tank capacity: 9 gal (34.1 L)

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

Number of coolers: 1

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 ft/min (13.4 m/min)

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

Min horsepower: 60 hp (44.7 kW)

Hitch type: Clevis style

CONTROL STATION

Display type: LCD

Gauges: 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 swing, thrown object deflector raise and lower

NOTES:

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