

CT1010TX TIER 4I (STAGE IIIB) COMPOST TURNER



ELEVATING FACE. With its patented elevating-face technology, the CT1010tx lifts, inverts and aerates organic material on a single pass.



DISCHARGE CONVEYOR. Create a space-saving continuous stack or a 20' (6.1 m) wide by 9' (2.7 m) high windrow configuration depending on site needs and space considerations.



TIER 4I ENGINE. The Cummins 6.7 225 hp (167.8 kW) Tier 4i engine meets all U.S., Canada and European Union tier regulations, and has a 5% increase in horsepower over the previous Tier 3 engine.



DUAL TRACK. Experience more control with the two-speed planetary track drive system – high for transport and normal operation, or low for wet, heavy material.



SMART TRACK. Control system monitors elevating face pressure and slows or stops the ground drive when the face pressure reaches a programmable level, reducing operator interface and increasing productivity.



CAB. Designed for operator comfort, cab features include fully adjustable air-ride seat, cab pressurization with self-adjusting climate controls and large windows for excellent visibility.

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GENERAL DIMENSIONS

Max width (operational): 25.1' (7.7 m)

Max width (transport): 12' (3.7 m)

Max height (operational): 19.6' (6 m)

Max height (transport): 12.3' (3.8 m)

Max length (operational): 20' (6.1 m)

Max length (transport): 17.9' (5.5 m)

Max ground clearance: 10" (25.4 cm)

Weight: 43,000 lb (19,504.5 kg)

Weight with optional conveyor: 48,000 lb (21,772.4 kg)

ENGINE

Make and model: Cummins QSB6.7L Tier 4i (Stage IIIB)

Number of cylinders: 6

Horsepower: 225 hp (168 kW)

Battery: 2 – 950 CCA

PROCESSING SIZE

Stack width: Infinite/Endless

Stack height: 9' (2.7 m)

TURNING SYSTEM – ELEVATING FACE

Face width: 10' (3 m)

Face height: 10' (3 m)

Teeth type: 2-bolt cup cutter

Teeth quantity: 517

Pump flow @ max rpm: 61 gpm (230.9 L/min)

System relief pressure: 3500 psi (241.3 bar)

DISCHARGE CONVEYOR SYSTEM

Conveyor type: Belt 24' x 48" (7.3 m x 121.9 cm)

Max belt speed: 780 fpm (237.7 m/min)

Stacking height: 10.5' x 13.5' (3.2 m x 4.1 m)

Pump flow @ max rpm: 43 gpm (162.8 L/min)

System relief pressure: 3500 psi (241.3 bar)

CONTROLS

Display type: LCD readout and LED warning

Gauges: Engine rpm, fuel level, temperature

Controls: Ground drive, lift, throttle, face chain, conveyor

CAB

Climate-controlled

GROUND DRIVE – TRACKS

Track type: D4 triple grouser

Track width: 24" (61 cm)

High-speed travel: 3.2 mph (5.1 km/h)

Low-speed travel: .1 mph (.1 km/h)

NOTES:

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