

TECHNICAL
SPECIFICATION



TFC 75 ORGANICS

CONVEYOR



TFC 75 ORGANICS

The TFC 75 Organics high level feeder has been engineered specifically for the stockpiling and aerating of lower density, bulky materials such as soil, mulch, biomass and compost.

Located at the hopper outlet, the auger provides aeration and an untangling solution for organic materials. The auger flips, rotates and regulates the flow of material minimising fluctuations in the bulk density of organic materials and is equipped with replaceable hardened paddle wear plates. High capacity, bespoke hopper design efficiently transfers

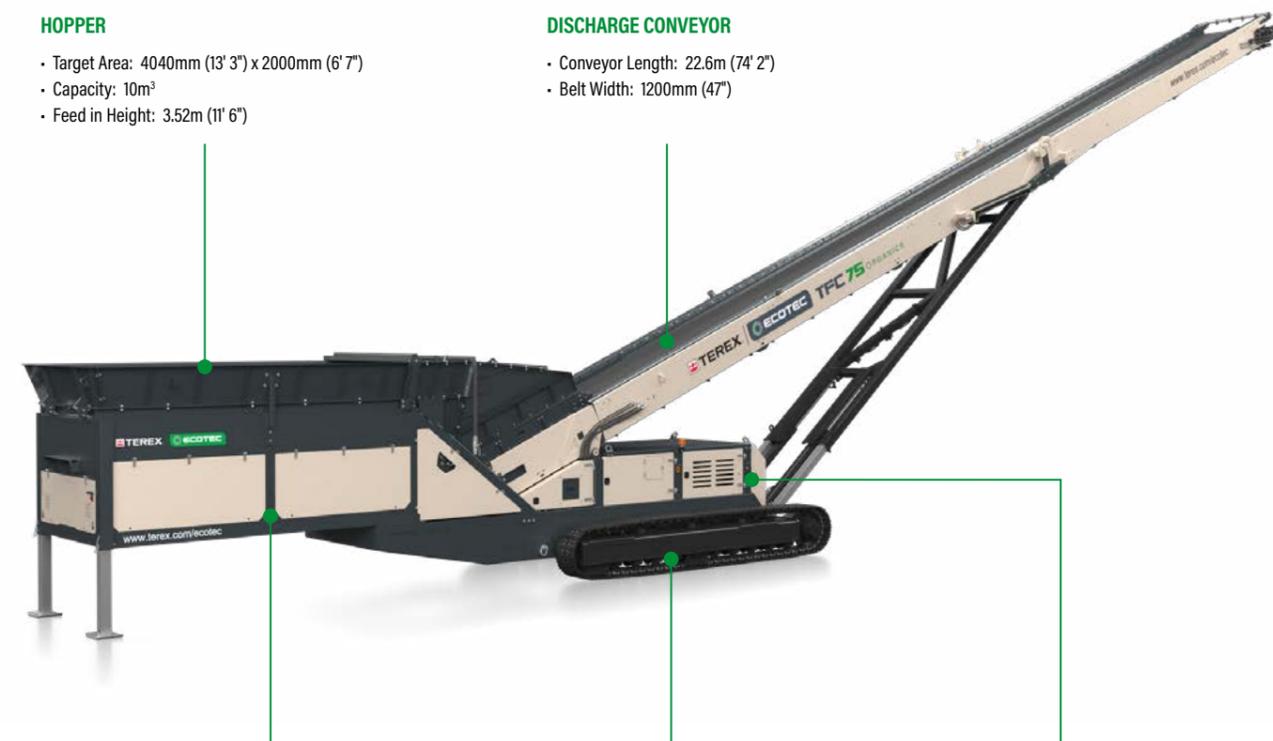
and prevents the bridging of material. The reverse functionality of the feeder enables blockages to be cleared and oversized material removed. Controlled and efficient flow of material is guaranteed due to the adjustable operating speed of the feeder belt.

HOPPER

- Target Area: 4040mm (13' 3") x 2000mm (6' 7")
- Capacity: 10m³
- Feed in Height: 3.52m (11' 6")

DISCHARGE CONVEYOR

- Conveyor Length: 22.6m (74' 2")
- Belt Width: 1200mm (47")



FEED CONVEYOR

- Belt Width: 1400mm (56")
- Variable Speed
- Feeder Reverse Function

UNDERCARRIAGE

- Heavy duty tracks
- 4300mm centres, 400mm shoe

POWERUNIT

- CAT 4.4 83kW (111HP) Tier 3 @ 1800 RPM
- CAT 4.4 82kW (110HP) Tier 4 Final @ 1800 RPM
- CAT 4.4 96kW (129HP) Stage V @ 1800 RPM

TECHNICAL DATA



TRANSPORT DIMENSIONS

- Length: 19.4m (63' 8")
- Width: 2.75m (9')
- Height: 3.07m (10' 1")
- Weight: 24,350kg (53,683lbs)

WORKING DIMENSIONS @ 24°

- Length: 25.5m (83' 7")
- Width: 2.75m (9')
- Height: 10.5m (34' 6")
- Max. Tonnage: 600 TPH
- Max. Feed Size: 150mm (6")

HOPPER

- Target Area: 4040mm (13' 3") x 2000mm (6' 7")
- Capacity (No Tipping Grid Fitted): 10m³
- Feed in Height: 3.52m (11' 6")
- Auger Max. Speed: 195 RPM
- Auger Wear Plates: 10mm
- Discharge Auger Hood

FEED CONVEYOR

- Belt Width: 1400mm (56")
- Belt Type: Plain
- Belt Spec: EP400/3 4+2
- Variable Speed
- Feeder Reverse Function
- Auger Max. Speed: 195 RPM

DISCHARGE CONVEYOR

- Conveyor Length: 22.6m (74' 2")
- Belt Width: 1200mm (47")
- Belt Centres: 22.5m (73' 10")
- Belt Type: Chevron
- Belt Spec: EP315/3 Ply 3+1.5
- Drive Drum Diameter: 345mm (13.5")
- Tail Drum Diameter: 320mm (12.6")
- Max. Belt Speed of Conveyor: 113 RPM
- Motor Size & Type: 630 CC
- Discharge Height @ 18°: 8m (26' 3")
- Stockpile Capacity @ 18° & 37°
Angle of Repose: 944m³ (1235yd³)
- Discharge Height @ 24°: 9.8m (32' 2")
- Stockpile Capacity @ 24° & 37°
Angle of Repose: 1735m³ (2270yd³)
- Variable Speed

POWERUNIT

- CAT 4.4 83kW (111HP) Tier 3 @ 1800 RPM
- CAT 4.4 82kW (110HP) Tier 4 Final @ 1800 RPM
- CAT 4.4 96kW (129HP) Stage V @ 1800 RPM

TANK CAPACITIES

- Diesel Tank Capacity: 325L
- Hydraulic Tank Capacity: 360L

TRACKS

- Shoe Width: 400mm (1' 4")
- Sprocket Centre: 4300mm (14' 1")
- Outer Width: 2750mm (9')
- Gradability: 45.9°
- Speed: 0.6 (km/h) (Low)
1.1 (km/h) (High) / Or Single Speed
- Track Flow: 68LPM (per track)

OPTIONS

- Canvas Dust Covers on Discharge Conveyor
- Canvas Dust Covers Complete with Dust Hood on Discharge Conveyor
- Twin Drive Discharge Conveyor
- Anti-Roll Back Flaps
- Discharge Belt Upgraded To 3 Ply Heavy Duty Plain Belt
- Discharge Conveyor Drive Drum Upgraded to Ceramic Lagging
- Discharge Conveyor Underguard Option Length of Mid Section
- Dust Suppression at Conveyor Head Drum (Spray Bar Only)
- Belt Weigher
- Overband Magnet at Feedboot of Discharge Conveyor
- Radio Remote to Start/Stop Feeder, Raise/Lower Discharge
- Pull Cord E-Stop Running Length of Conveyor
- Radio Remote Control Tracking
- Plain Belt EP400/3 4+2
- Telemetry System c/w 3 years Data Subscription (Unavailable for Tier 3)



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