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Check out the TEE videos on YouTube: www.youtube.com/TerexEnviroEquip

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TROMMEL
SCREEN

PHOENIX
3300



PHOENIX 3300

The Terex Environmental Equipment Phoenix 3300 trommel screen is designed to offer unrivaled production throughput and application flexibility. The robust design with optional features such as a heavy duty tipping grid or double deck vibrating grind make the Phoenix 3300 the most versatile trommel on the market today. The machine performs equally well in heavy C&D applications as it does in high volume compost production. The 180° swivel fines conveyor, with a 5.8m (19' 0") discharge, means the machine can generate massive stockpiles. This swivel feature can be controlled via a radio remote while the machine is in operation, minimizing downtime.

A powerful four wheel drive system

The Phoenix 3300 is designed to offer unrivaled production throughput and application flexibility.

with high performance friction grip wheels is used to turn the trommel drum giving operators the ability to run bi-directionally. Woven mesh or Heavy duty punch plate panels can be fitted to the trommel drum meaning all application requirements are met.

Caterpillar Tier 3 or Tier 4 engines combined with powerful hydraulics and auto feeder speed control mean the machine is always working at its optimum. A fifth wheel connection, triple axle bogie and a rapid setup time make the machine highly mobile.

The Phoenix 3300 is highly efficient in

the separation and processing of wood chippings, top soil, compost “green waste”, demolition waste, aggregates and yard waste.



Technical Data

Transport Dimensions

Width: 3.0m (9' 10")
Height: 4.1m (13' 6")
Length: 21.1m (69' 2")
Weight: 37,500kgs (82,670lbs)

Working Dimensions

Width: 15.8m (51' 9")
Length: 32.3m (105' 8")
Height: 5.9m (19' 4")

Hopper and Belt Feeder

7.8m³ (10.2yd³) capacity
4.6m (15' 7") feeder length
1500mm (59") 3 ply plain belt, 4 + 2 covers
Variable speed control c/w load sensing and automatic feeder shutdown
Hopper extensions

Drum

9.31m (30' 7") Length
2.32m (7' 7") Diameter
Friction four wheel drum drive system
Variable speed control
Mesh or Punch plate panels
Inclined drum
Variable operating angle 4.5° - 6°
Tumbling action c/w nylon cleaning brushes
Service access doors for maintenance

Powerpack & Control

Caterpillar C7.1 Tier 3, 151kW (202 hp), 2200rpm max
Caterpillar C4.4 Tier 4i 129kW (173hp), 2200rpm max (option)
Caterpillar C4.4 Tier 4f 129kW (173hp), 2200rpm max (option)
Fuel tank capacity 610L (134 Gal) (161 US Gal)
Hydraulic tank 714L (157 Gal) (189 US Gal)
Excellent service access
Powerful hydraulics

Collection Conveyor

1500mm (59") 3 ply plain belt, 4 + 2 covers
Fully skirted & sealed
Variable speed control

Fines Discharge Conveyor

1200mm (48") 3 ply plain belt, 4 + 2 covers
Remote control 180° swivel
Variable operating angle 10° - 28°
Discharge height 5.8m (19') @ 28°
Variable speed control
Hydraulic folding

Oversize Conveyor

1200mm (48") 3 ply chevron belt, 4 + 2 covers
Full length skirting
Variable speed control
Hydraulic folding
Variable operating angle 10° - 28°
Discharge height 4.16m (13' 7") @ 28°

Bogie

3 axles, 8 studs.
Suspension type leaf spring
Super single c/w 385/65 R22.5 tyres
Fifth wheel connection
Airbrakes

Options

Remote control tipping grid 100mm (4")
Remote control tipping grid 150mm (6")
2 Deck vibrating grid c/w tri-axle bogie
Tipping grid discharge chute
Heavy duty woven mesh
Punch plate
Different colour paint