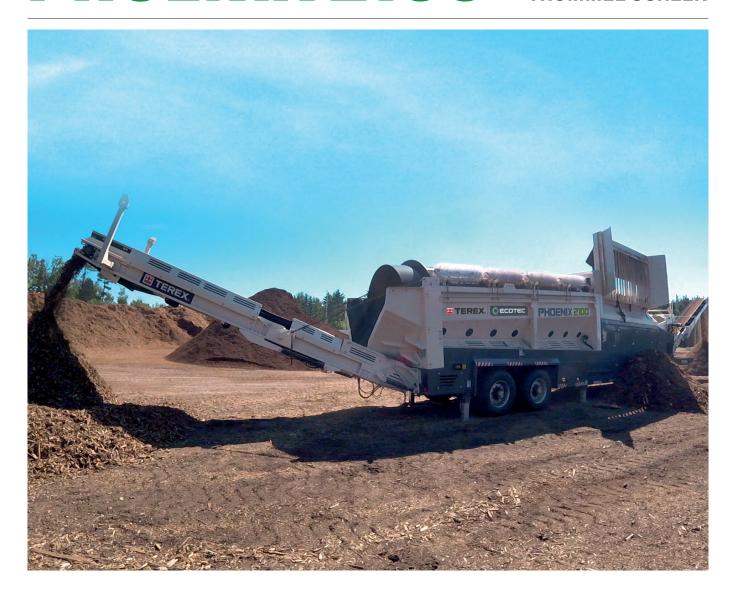
PRODUCT SPECIFICATION



PHOENIX 2100

TROMMEL SCREEN







PHOENIX 2100

The Phoenix 2100 is the most versatile trommel on the market today.

Terex Ecotec's Phoenix 2100 trommel screen is designed to offer unrivalled production throughput and application flexibility. The robust design with optional features such as a heavy duty tipping grid or double deck vibrating grid make the Phoenix 2100 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 5.7m (18' 6") discharge, means the machine can generate massive stockpiles. This swivel feature can be controlled via a radio remote while the machine is in operation, minimising downtime.

A powerful four wheel drive system 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 ensuring all application requirements are met.

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

The Phoenix 2100 is highly efficient in the separation and processing of wood chippings, top soil, compost, green waste, C&D waste and aggregates.







TECHNICAL DATA

TRANSPORT DIMENSIONS

Width: 2.6m (8' 6")

Height: 4.0m (13' 1")

Length: 17.9m (58' 9")

Weight: 27,500kg (60,627lbs)

WORKING DIMENSIONS

Width: 15.9m (52' 2")

Length: 27.6m (90' 7")

Height: 5.7m (18' 8")

HOPPER AND BELT FEEDER

5.6m3 (7.4yd3) capacity

4.3m (14' 1") feeder length

3.16m (10' 4") feed in height

1050mm (41") 3 ply plain belt, 4 + 2 covers

Variable speed control c/w load sensing and automatic feeder shutdown

Hopper extensions

DRUM

6.45m (21' 2") Length

1.94m (6' 4") Diameter

Friction four wheel drum drive system

Variable speed control

Mesh or Punch plate panels

Inclined drum

Variable operating angle 4° - 7°

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

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

1200mm (47") 3 ply plain belt, 4 + 2 covers

Fully skirted & sealed

Variable speed control

FINES DISCHARGE CONVEYOR

900mm (35") 3 ply plain belt, 4 + 2 covers

Remote control 180° swivel

Variable operating angle 10° - 28°

Discharge height 5.67m (18' 6") @ 28°

Variable speed control

Hydraulic folding

OVERSIZE CONVEYOR

1050mm (41") 3 ply chevron belt, 4 + 2 covers

Full length skirting

Variable speed control

Hydraulic folding

Variable operating angle 10° - 28°

Discharge height 3.7m (12' 2") @ 28°

BOGIE

2 axles, 8 studs

Suspension type leaf spring

Super single c/w 385/65 R22 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

Heavy duty feeder belt

Tri-axle bogie

Different colour paint

Specification subject to change without notice



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