

PRODUCT
SPECIFICATION

 **TEREX**®

 **ECOTEC**

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	POWERPACK & CONTROL	BOGIE
Width: 2.6m (8' 6")	Caterpillar C71 Tier 3, 151kW (202 hp), 2200rpm max	2 axles, 8 studs
Height: 4.0m (13' 1")	Caterpillar C4.4 Tier 4i 129kW (173hp), 2200rpm max (option)	Suspension type leaf spring
Length: 17.9m (58' 9")	Caterpillar C4.4 Tier 4f 129kW (173hp), 2200rpm max (option)	Super single c/w 385/65 R22 tyres
Weight: 27,500kg (60,627lbs)	Fuel tank capacity 610L (134 Gal) (161 US Gal)	Fifth wheel connection
	Hydraulic tank 714L (157 Gal) (189 US Gal)	Airbrakes
WORKING DIMENSIONS	Excellent service access	OPTIONS
Width: 15.9m (52' 2")	Powerful hydraulics	Remote control tipping grid 100mm (4")
Length: 27.6m (90' 7")		Remote control tipping grid 150mm (6")
Height: 5.7m (18' 8")		2 Deck vibrating grid c/w tri-axle bogie
HOPPER AND BELT FEEDER	COLLECTION CONVEYOR	Tipping grid discharge chute
5.6m ³ (74yd ³) capacity	1200mm (47") 3 ply plain belt, 4 + 2 covers	Heavy duty woven mesh
4.3m (14' 1") feeder length	Fully skirted & sealed	Punch plate
3.16m (10' 4") feed in height	Variable speed control	Heavy duty feeder belt
1050mm (41") 3 ply plain belt, 4 + 2 covers	FINES DISCHARGE CONVEYOR	Tri-axle bogie
Variable speed control c/w load sensing and automatic feeder shutdown	900mm (35") 3 ply plain belt, 4 + 2 covers	Different colour paint
Hopper extensions	Remote control 180° swivel	
DRUM	Variable operating angle 10° - 28°	
6.45m (21' 2") Length	Discharge height 5.67m (18' 6") @ 28°	
1.94m (6' 4") Diameter	Variable speed control	
Friction four wheel drum drive system	Hydraulic folding	
Variable speed control	OVERSIZE CONVEYOR	
Mesh or Punch plate panels	1050mm (41") 3 ply chevron belt, 4 + 2 covers	
Inclined drum	Full length skirting	
Variable operating angle 4° - 7°	Variable speed control	
Tumbling action c/w nylon cleaning brushes	Hydraulic folding	
Service access doors for maintenance	Variable operating angle 10° - 28°	
	Discharge height 3.7m (12' 2") @ 28°	

Specification subject to change without notice



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