

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

<b>TRANSPORT DIMENSIONS</b>	<b>POWERPACK &amp; CONTROL</b>	<b>BOGIE</b>
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
	Excellent service access	
	Powerful hydraulics	
<b>WORKING DIMENSIONS</b>	<b>COLLECTION CONVEYOR</b>	<b>OPTIONS</b>
Width: 15.9m (52' 2")	1200mm (47") 3 ply plain belt, 4 + 2 covers	Remote control tipping grid 100mm (4")
Length: 27.6m (90' 7")	Fully skirted & sealed	Remote control tipping grid 150mm (6")
Height: 5.7m (18' 8")	Variable speed control	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
<b>HOPPER AND BELT FEEDER</b>	<b>FINES DISCHARGE CONVEYOR</b>	
5.6m <sup>3</sup> (7.4yd <sup>3</sup> ) capacity	900mm (35") 3 ply plain belt, 4 + 2 covers	
4.3m (14' 1") feeder length	Remote control 180° swivel	
3.16m (10' 4") feed in height	Variable operating angle 10° - 28°	
1050mm (41") 3 ply plain belt, 4 + 2 covers	Discharge height 5.67m (18' 6") @ 28°	
Variable speed control c/w load sensing and automatic feeder shutdown	Variable speed control	
Hopper extensions	Hydraulic folding	
<b>DRUM</b>	<b>OVERSIZE CONVEYOR</b>	
6.45m (21' 2") Length	1050mm (41") 3 ply chevron belt, 4 + 2 covers	
1.94m (6' 4") Diameter	Full length skirting	
Friction four wheel drum drive system	Variable speed control	
Variable speed control	Hydraulic folding	
Mesh or Punch plate panels	Variable operating angle 10° - 28°	
Inclined drum	Discharge height 3.7m (12' 2") @ 28°	
Variable operating angle 4° - 7°		
Tumbling action c/w nylon cleaning brushes		
Service access doors for maintenance		

Specification subject to change without notice



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Dealer Stamp:

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