

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 Width: 2.6m (8' 6") Height: 4.0m (13' 1") Length: 17.9m (58' 9") Weight: 27,500kg (60,627lbs)	POWERPACK & CONTROL Caterpillar C7i 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	BOGIE 2 axles, 8 studs Suspension type leaf spring Super single c/w 385/65 R22 tyres Fifth wheel connection Airbrakes
WORKING DIMENSIONS Width: 15.9m (52' 2") Length: 27.6m (90' 7") Height: 5.7m (18' 8")	COLLECTION CONVEYOR 1200mm (47") 3 ply plain belt, 4 + 2 covers Fully skirted & sealed Variable speed control	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
HOPPER AND BELT FEEDER 5.6m ³ (74yd ³) 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	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	
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	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°	

Specification subject to change without notice



DUNGANNON

32 Farlough Road
Dungannon, Co. Tyrone
BT71 4DT, Northern Ireland

Tel: +44 (0) 28 87 718 500

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

Dealer Stamp:

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