

PRODUCT
SPECIFICATION

 **TEREX**[®]

 **ECOTEC**

PHOENIX 1600

TROMMEL SCREEN



PHOENIX 1600

Innovatively designed to provide excellent fuel efficiency and low operating costs.

Terex Ecotec's Phoenix 1600 has been innovatively designed to provide excellent fuel efficiency and low operating costs, whilst also reducing emissions and noise levels due to the machine running at a low engine RPM. With a 4.9m (16') x 1.54m (5') drum, unrivalled production throughput is guaranteed due to the screening area, the largest in its class. Highly versatile the Phoenix 1600 can easily screen a variety of material including topsoil, compost, sand and gravel, wood chip and C&D waste. Woven mesh or heavy duty punch plate panels can be fitted to the drum ensuring all application requirements are met.

The 180° swivel fines conveyor, with a discharge height of 5.9m (19'4") results in the creation of impressive stockpiles. This swivel feature can be

controlled via a remote while the machine is in operation, minimising downtime. The 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.

Powered by a Caterpillar C4.4 engine (Tier 4 Final or Constant Speed) the powerful hydraulics and intelligent feed control system ensure the Phoenix 1600 is always working at its optimum. The low engine RPM coupled with the fuel save (stand-by) mode guarantees peak efficiency. A fifth wheel connection, tandem axle bogie and a quick set up time make the machine easily transportable from site to site.



TECHNICAL DATA

TRANSPORT DIMENSIONS	POWERPACK & CONTROL	BOGIE
Width: 2.7m (8' 10")	Engine: CAT C4.4 82kW (110HP) Tier 4 Final (USA & EU) CAT C4.4 97kW (130HP) Constant Speed (EU)	2 axles
Height: 4.0m (13' 1")	Fuel capacity: 327L (86 US gal)	Twin 235/75 R17.5 tyres
Length: 16.9m (55' 5")	Hydraulic capacity: 425L (112 US gal)	Suspension type leaf spring
Weight: 18,000kg (39,700lbs)	Excellent service access	Fifth wheel connection
	Powerful hydraulics	Airbrakes
WORKING DIMENSIONS	COLLECTION CONVEYOR	OPTIONS
Width: 15m - 16.8m (49' 3" - 55' 1") (depending on conveyor angle)	1200mm (47") 3 ply plain belt, 4 + 2 covers	Tipping grid - 4" and 6"
Length: 25.9m - 27.2m (84' 12" - 89' 3") (depending on conveyor angle)	Length: 11900mm (39' 1")	Tipping grid discharge chute
Feed Height: 3.5m (11' 6")	FINES DISCHARGE CONVEYOR	Heavy duty woven mesh
	Width: 800mm (32") 3 ply plain belt, 5 + 1.5 covers	Punch plate
	Length: 8700mm (28' 7")	Different colour paint
	Remote control 180° swivel	Telemetry
	Variable operating angle 15° - 30°	Flexaire reversible cooling fan
	Discharge height 5.9m (19' 4") @ 30°	
HOPPER AND BELT FEEDER	OVERSIZE CONVEYOR	
4.3m ³ (152ft ³) capacity	Width: 800mm (32") 3 ply chevron belt, 3 + 1.5 covers	
3.7m (12' 2") feeder length	Length: 5700mm (18' 8")	
900mm (35") 3 ply plain belt, 4 + 2 covers	Variable speed control	
Variable speed c/w intelligent feed control	Variable operating angle 15° - 30°	
Hopper extensions	Discharge height 3.5m (11' 6") @ 30°	
DRUM		
4.9m (16') Length		
1.54m (5') Diameter		
19m ² (205ft ²) screening area		
Friction four wheel drum drive system		
Variable speed control		
Mesh or Punch plate panels		
Inclined drum (4°-8°)		

Specification subject to change without notice





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