

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 Width: 2.7m (8' 10") Height: 4.0m (13' 1") Length: 16.9m (55' 5") Weight: 18,000kg (39,700lbs)	POWERPACK & CONTROL Engine: CAT C4.4 82kW (110HP) Tier 4 Final (USA & EU) CAT C4.4 97kW (130HP) Constant Speed (EU) Fuel capacity: 327L (86 US gal) Hydraulic capacity: 425L (112 US gal) Excellent service access Powerful hydraulics	BOGIE 2 axles Twin 235/75 R17.5 tyres Suspension type leaf spring Fifth wheel connection Airbrakes
WORKING DIMENSIONS Width: 15m - 16.8m (49' 3" - 55' 1") (depending on conveyor angle) Length: 25.9m - 27.2m (84' 12" - 89' 3") (depending on conveyor angle) Feed Height: 3.5m (11' 6")	COLLECTION CONVEYOR 1200mm (47") 3 ply plain belt, 4 + 2 covers Length: 11900mm (39' 1")	OPTIONS Tipping grid - 4" and 6" Tipping grid discharge chute Heavy duty woven mesh Punch plate Different colour paint Telemetry Flexaire reversible cooling fan
HOPPER AND BELT FEEDER 4.3m ³ (152ft ³) capacity 3.7m (12' 2") feeder length 900mm (35") 3 ply plain belt, 4 + 2 covers Variable speed c/w intelligent feed control Hopper extensions	FINES DISCHARGE CONVEYOR Width: 800mm (32") 3 ply plain belt, 5 + 1.5 covers Length: 8700mm (28' 7") Remote control 180° swivel Variable operating angle 15° - 30° Discharge height 5.9m (19' 4") @ 30°	Specification subject to change without notice
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°)	OVERSIZE CONVEYOR Width: 800mm (32") 3 ply chevron belt, 3 + 1.5 covers Length: 5700mm (18' 8") Variable speed control Variable operating angle 15° - 30° Discharge height 3.5m (11' 6") @ 30°	





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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