



PHOENIX 1600 WHEELED

The Powerscreen Phoenix 1600 Wheeled 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.



✓ APPLICATIONS

RECYCLING



Wood Chippings
Top Soil
Compost
Green Waste
C&D Waste

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TECHNICAL HIGHLIGHTS



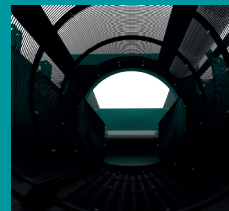
HUGE PRODUCTIVITY

- The 180° swivel fines conveyor, with a discharge height of 5.87m (19' 3") 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.



VERSATILITY

- Woven mesh or heavy duty punch plates panels can be fitted to the drum to meet all application requirements.
- A fifth wheel connection, tandem axle bogie and a quick set up time make the machine easily transportable from site to site.



SERVICEABILITY & FUEL ECONOMY

- Powerful hydraulics and intelligent feeder control system ensure the Phoenix 1600 is always working to its optimum.



TECHNICAL SPECIFICATION



1 HOPPER

Capacity: 4.3m³ (5.6yds³)

2 FEED CONVEYOR

900mm (35") 3 ply plain belt
Variable speed with intelligent feed control

3 DRUM

Friction four wheel drum drive system
Length: 4.9m (16')
Diameter: 1.54m (5')
Screening area: 19m² (205ft²)
Mesh or Punch plate panels

4 FINES DISCHARGE CONVEYOR

800mm (32") 3 ply plain belt
Discharge height: 5.87m (19' 3")

5 OVERSIZE CONVEYOR

800mm (32") 3 ply plain belt
Discharge height: 3.48m (11' 5")

6 BOGIE

2 axles
Fifth wheel connection
Airbrakes

7 POWER UNIT

Tier 4F: CAT C4.4 82kW (110hp)
Constant Speed: CAT C4.4 97kW (130hp)
Fuel tank capacity: 327 L (86 US Gal)

8 COLLECTION CONVEYOR

1200mm (47") 3 ply plain belt
Length: 11,900mm (39' 1")



DIMENSIONS



Total Weight	18,000kg (39,700lbs) depending on options
Transport Length	16.9m (55' 5")
Transport Height	4m (13' 1")
Transport Width	2.7m (8' 10")
Working Length	25.9m - 27.2m (84' 12" - 89' 3")*
Working Width	15m - 16.8m (49' 3" - 55' 1")*
Working Height	3.5m (11' 6")

*depending on conveyor angle

Please note: It is the dealers responsibility to ensure the plant is road legal in their region.

GET IN TOUCH

Dungannon
200 Coalisland Road, Dungannon,
Co Tyrone, BT71 4DR, Northern Ireland
Tel: +44 (0) 28 87 718 500
Fax: +44 (0) 28 87 747 231

Louisville
11001 Electron Drive,
Louisville, Kentucky, 40299 USA
Tel: +1 502 736 5200
Fax: +1 502 736 5202



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