



# 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

[www.powerscreen.com](http://www.powerscreen.com)



## 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: 4.3m<sup>3</sup> (5.6yds<sup>3</sup>)

## 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: 19m<sup>2</sup> (205ft<sup>2</sup>)  
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



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



[www.powerscreen.com](http://www.powerscreen.com)

The material in this document is for information only and is subject to change without notice. Powerscreen assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. Due to continual product development we reserve the right to change specifications without notice. Product performance figures given in this brochure are for guidance purposes only, this information does not constitute an expressed or implied warranty or guarantee, but shows test examples provided by Dealers. These results will vary depending on crusher chamber settings, screen media and sizes, feed source and types of material being processed. Photographs are for illustrative purposes only, some or all of the machines in the illustrations may be fitted with optional extras. Please check with your Dealer for details on optional extras. All machines are CE Approved.

Powerscreen® is a registered trademark of Terex GB Limited in the United States of America and many other countries. Copyright 2019 Terex GB Limited. Published and Printed in April 2019.