



# PHOENIX 2100

The Powerscreen 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.



## ✓ APPLICATIONS

### RECYCLING



Wood chippings  
Top soil  
Compost  
Green waste  
C&D waste

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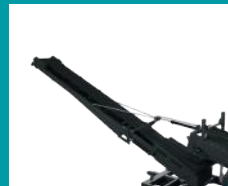


## TECHNICAL HIGHLIGHTS



### HUGE PRODUCTIVITY

- The 180° swivel fines conveyor, with a discharge height of 5.67m (18' 7") results in the creation of impressive stockpiles.
- This swivel feature can be controlled via a 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.



### VERSATILITY

- Woven mesh or heavy duty punch plate panels can be fitted to the trommel drum ensuring all application requirements are met.
- Highly efficient in wood chip separation/ processing top soil, compost, green waste, demolition waste, aggregates and yard waste



### SERVICEABILITY & FUEL ECONOMY

- Powerful hydraulics and auto feeder speed control guarantee the machine is always working at optimum level
- Low level hydraulics ensure excellent service access



# TECHNICAL SPECIFICATION



## 1 HOPPER

Capacity: 5.6m<sup>3</sup> (7.4yds<sup>3</sup>)

## 2 FEED CONVEYOR

1050mm (41") 3 ply plain belt  
Variable speed with load sensing & automatic feeder shutdown

## 3 DRUM

Friction four wheel drum drive system  
Length: 6.45m (21' 2")  
Diameter: 1.94m (6' 4")  
Variable operating angle 4° - 7°  
Service access doors for maintenance

## 4 FINES DISCHARGE CONVEYOR

900mm (35") 3 ply plain belt  
Discharge height: 5.67m (18' 7")

## 5 OVERSIZE CONVEYOR

1050mm (41") 3 ply chevron belt  
Discharge height: 3.7m (12' 2")

## 6 BOGIE

2 axles, 8 studs  
Fifth wheel connection  
Airbrakes

## 7 POWER UNIT

Tier 3: CAT C7.1 151kW (202hp)  
Tier 4F: CAT C4.4 129kW (173hp)  
Fuel tank capacity: 610 L (161 US Gal)

## 8 COLLECTION CONVEYOR

1200mm (47") 3 ply plain belt,  
Fully skirted & sealed  
Variable speed control

## DIMENSIONS



<b>Total Weight</b>	27,500kg (60,627lbs) depending on options
<b>Transport Length</b>	17.9m (58' 9")
<b>Transport Height</b>	4m (13' 1")
<b>Transport Width</b>	2.6m (8' 6")
<b>Working Length</b>	27.6m (90' 7")
<b>Working Width</b>	15.9m (52' 2")
<b>Working Height</b>	5.7m (18' 8")

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

## GET IN TOUCH

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