



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

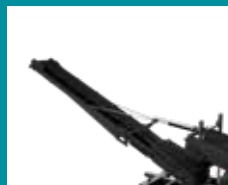


TECHNICAL HIGHLIGHTS



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: 5.6m³ (7.4yds³)

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



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

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

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