



EMERALD
EQUIPMENT SYSTEMS INC.



PHOENIX 1600 TRACKED

The Powerscreen Phoenix 1600 Tracked 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



TECHNICAL HIGHLIGHTS



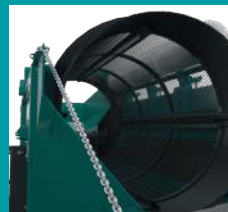
HUGE PRODUCTIVITY

- The 180° swivel fines conveyor, with a discharge height of 5.65m (18' 6") 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.



SERVICEABILITY & FUEL ECONOMY

- Powerful hydraulics and intelligent feeder control system ensure the Phoenix 1600 is always working to its optimum.
- Low level hydraulics ensure excellent service access.



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: 5.65m (18' 7")

5 OVERSIZE CONVEYOR

800mm (32") 3 ply chevron belt
Discharge height: 3.59m (11' 9")

6 TRACKS

Bolt on tracks
400mm (16") shoe

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: 11,400mm (37' 5")

DIMENSIONS



Total Weight	21,100kg (46,500lbs) depending on options
Transport Length	16.1m (52' 10")
Transport Height	4.1m (13' 6")
Transport Width	2.6m (9' 2")
Working Length	24.8m – 26.3m (81' 4" – 86' 3")*
Working Width	15m – 16.8m (49' 3" – 55' 1")*
Feed Height	2.7m (8' 10")

*depending on conveyor angle

GET IN TOUCH

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