

WARRIOR 2100

The Warrior 2100 is engineered to include the proven Triple Shaft and Single Shaft technology which is unique to Powerscreen heavy duty mobile screens. The triple shaft design ensures that the 16' x 5' screenbox is highly efficient while maintaining exceptional throughput productivity. The extreme screening acceleration offers the Warrior 2100 improved capabilities over its class rivals, especially in sticky scalping applications.

The single shaft screen provides the Warrior 2100 with the balance to screen efficiently in less demanding applications when the power of a triple shaft drive or the precision of a Flip-Flow deck is not required. The single shaft screen provides effective screening capabilities with a more conventional approach. Supported on 2 x 130mm bearings the single shaft screen provides an impressive screening stroke and screening angles of up to 18 degrees.

It is designed with economy in mind, with reduced fuel consumption being achieved through a lower engine running speed of 1800rpm and enhanced hydraulics. A variety of media solutions mean that the Warrior 2100 is extremely efficient in scalping, screening and recycling applications and it can process mixed demolition waste including greenwaste, soil, concrete, wood and asphalt.

Features & Benefits

- Heavy duty, 2 deck screenbox featuring Triple Shaft technology with adjustable screen timing, amplitude and frequency
- Rigid one-piece hopper
- Low engine running speed to improve fuel consumption
- Heavy duty, incline belt feeder
- Jack up screen facility to aid mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Rapid set-up and shutdown time
- Two speed tracks
- Reversible side conveyors
- Collection conveyor raise feature

Options

- Radio controlled tracking
- 200mm (8") Chassis riser
- Telescopic side conveyors
- Hydraulically folding hopper extensions
- High capacity incline apron feeder
- Quick release screen wedge tensioning
- Wide range of screen media
- Dust suppression
- Auto lubrication system
- Dual Power (additional electric hydraulic drive)
- 2 or 3 way split configuration
- Interchangeable Single Shaft screenbox

| WARRIOR 2100 | 2 WAY SPLIT | 3 WAY SPLIT |
|------------------|----------------------|----------------------|
| Weight (Est) | 33,400kg (73,634lbs) | 34,800kg (76,720lbs) |
| Transport width | 3m (9'10") | 3m (9'10") |
| Transport length | 15.48m (50'9") | 16.02m (52'7") |
| Transport height | 3.4m (11'2") | 3.4m (11'2") |
| Working width | 8.58m (28'2") | 13.6m (44'7") |
| Working length | 15.77m (51'9") | 16.3m (53'5") |
| Working height | 4.38m (15'10") | 4.5m (14'9") |



*Output potential depends on application
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4/Stage 3B, Tier 4F/Stage 4).

Output Potential

Up to 700 tph (772 US tph)*

Hopper

Capacity: 7m³ (9.2yds³)
Rigid one piece hopper
Wear resistant steel
Wing plates

Feeder Conveyor

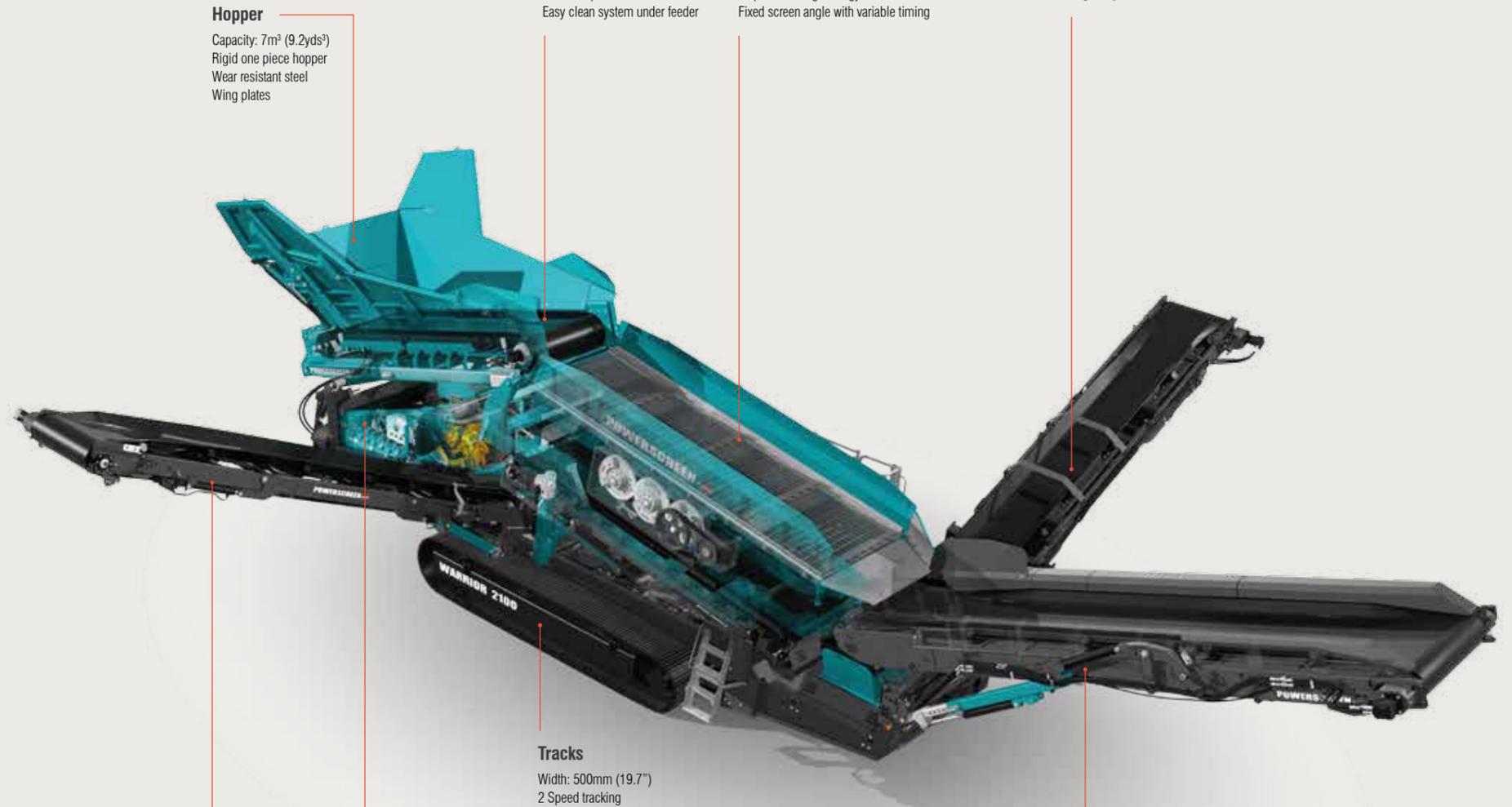
Width: 1300mm (51")
Heavy duty belt feeder
Super grip drive drum
Variable speed control
Easy clean system under feeder

Screenbox

2 Deck screenbox
Size: 4.88m x 1.55m (16' x 5')
Triple shaft technology gives extra high amplitude & high energy
Fixed screen angle with variable timing

Side Conveyor (Midsize)

Width: 900mm (35")
Discharge height: 3.67m (12')
Variable speed control
Angle adjustable



Tracks

Width: 500mm (19.7")
2 Speed tracking

Power Unit

Tier 3/Stage 3A:
CAT C4.4. ATAAC 90kW (121hp)
Tier 4F/Stage 4:
CAT C4.4 93kW (125hp)
Fuel tank capacity: 336 L (88 US Gal)

Side Conveyor (Finesize)

Width: 900mm (35")
Discharge height: 3.93m (12'11")
Variable speed control
Angle adjustable

Screen Media

- Top deck:
- Steel 3D Punch plate
 - Rubber 3D Punch plate
 - Rubber punchplate
 - Steel punchplate
- Bottom deck:
- Dynamic flip flow

Tail Conveyor (Oversize)

Width: 1400mm (55")
Discharge height: 4.2m (13'9") (3 Way Split)
Discharge height: 3.5m (11'7") (2 Way Split)
Heavy duty impact bars
Variable speed control
Angle adjustable 0° - 24°

