

# WARRIOR 2100 SINGLE SHAFT

**1 Machine**  
**3 Interchangeable Screens**

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

The Warrior 2100 is engineered with Single Shaft technology which provides the balance to screen efficiently in less demanding applications. 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. The same chassis also accepts a Warrior 2100 Triple Shaft or Spaleck Screen making this an extremely versatile solution.

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 Single Shaft technology supported on 2 x 130mm bearings providing an impressive screening stroke and screening angles up to 18 degrees.
- 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
- Screen blanket
- Hydraulically tensioned bottom deck
- Powerscreen Pulse

**WARRIOR 2100 SINGLE SHAFT 3 WAY SPLIT**

Weight (Est)	34,300kg (75,619lbs)
Transport width	3m (9'10")
Transport length	16.02m (52'7")
Transport height	3.4m (11'2")
Working width	13.6m (44'7")
Working length	16.3m (53'5")
Working height	4.68m (15'4")



\*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).

**Hopper**

Capacity: 7m<sup>3</sup> (9.2yds<sup>3</sup>)  
Rigid one piece hopper  
Wear resistant steel  
Wing plates

**Feeder Conveyor**

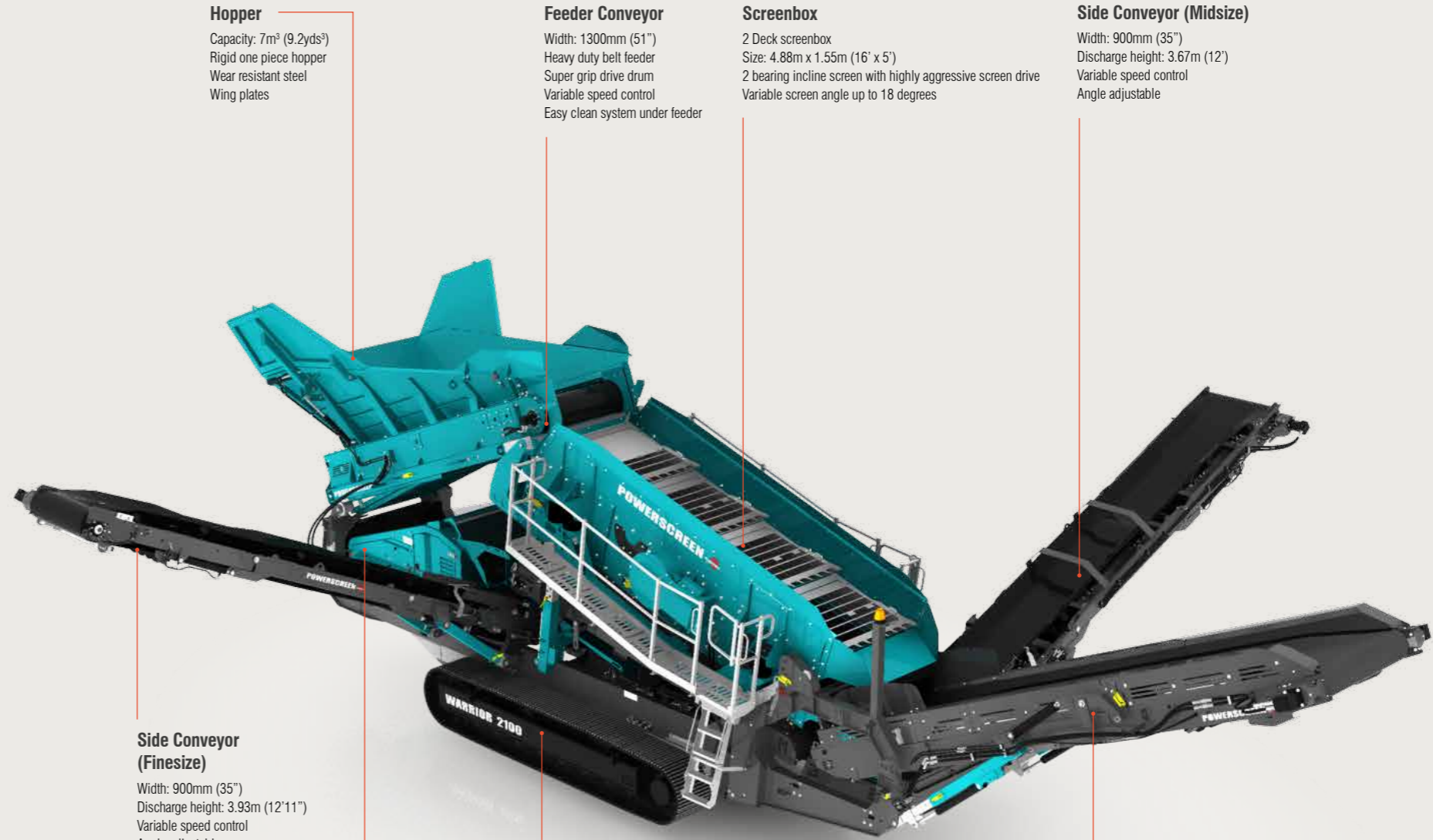
Width: 1300mm (51")  
Heavy duty belt feeder  
Super grip drive drum  
Variable speed control  
Easy clean system under feeder

**Screenbox**

2 Deck screenbox  
Size: 4.88m x 1.55m (16' x 5')  
2 bearing incline screen with highly aggressive screen drive  
Variable screen angle up to 18 degrees

**Side Conveyor (Midsize)**

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



**Side Conveyor (Finesize)**

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

**Tracks**

Width: 500mm (19.7")  
2 Speed tracking

**Power Unit**

Tier 3/Stage 3A:  
CAT C4.4. ATAAC 97kW (130hp)  
Tier 4F/Stage 4:  
CAT C4.4 93kW (125hp)  
Fuel tank capacity: 336 L (88 US Gal)

**Screen Media**

- Top deck:
- Finger/Punch Plate Combination Deck
  - 3D Punch Plate
  - Bofor Screens
  - Finger screens
  - Punch Plate
  - Screen Mesh
- Bottom deck:
- Finger Screens
  - Punch Plate
  - Screen Mesh

**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°



# WARRIOR 2100 SPALECK

## 1 Machine 3 Interchangeable Screens

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

The Warrior 2100 Spaleck screen is the ultimate in mobile screening and separation technology. At the heart of the product is the 2 deck high performance waste recycling screen featuring Flip-Flow-Screen technology. The unique stepped top deck design combined with state of the art Flip-Flow bottom deck puts this recycling screen into a class of its own for customers in many sectors of the waste recycling industry.

The Warrior 2100 Spaleck screens suit a wide range of shapes and sizes and can be deployed in a variety of applications including Quarry, Coal, Scrap, Commercial Waste, Compost/Mulch/Soil, Slag/Ash and Auto Fluff due to the options available.

### Features & Benefits

- 3D top deck screen media
- Flip-Flow bottom deck with quick clamping for easy removal
- Heavy duty inclined 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

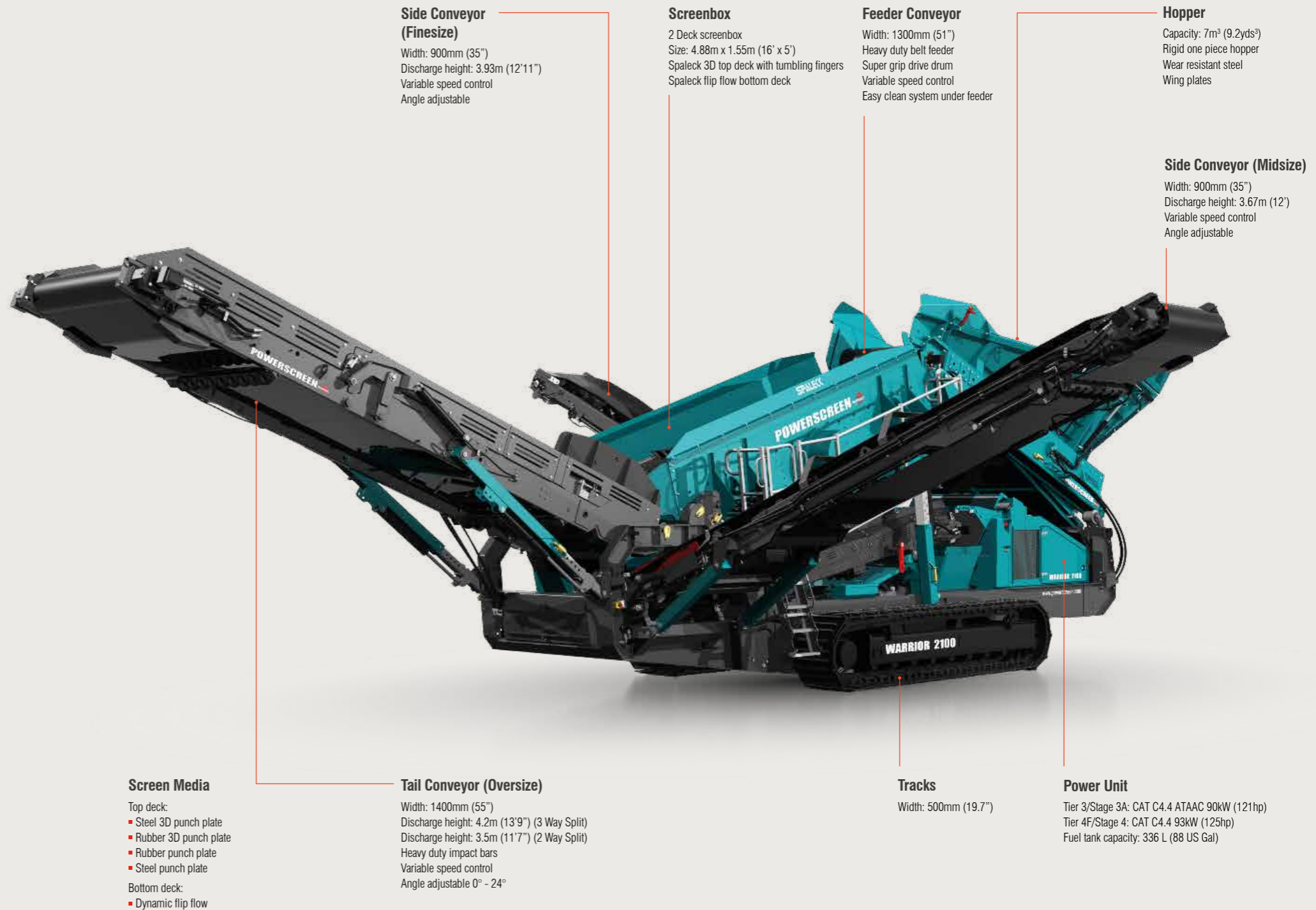
### Options

- 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 way split configuration



WARRIOR 2100 SPALECK	2 WAY SPLIT	3 WAY SPLIT
Weight (Est)	33,400kg (73,634lbs)	34,300kg (75,618lbs)
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	4.83m (15'10")	4.5m (15'6")

\*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).



# WARRIOR 2100

## 1 Machine 3 Interchangeable Screens

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

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

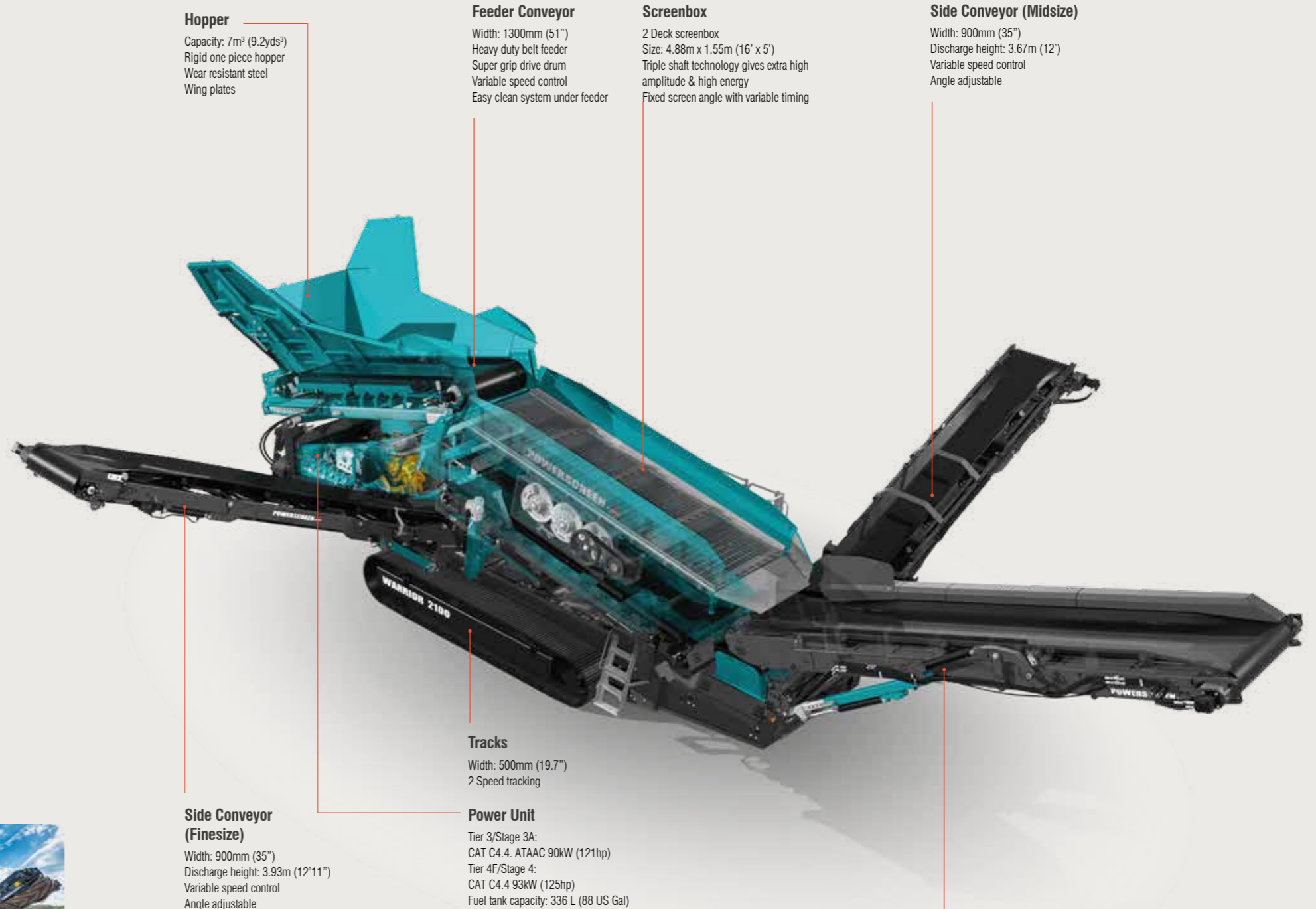
### Options

- 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).



### Hopper

Capacity: 7m<sup>3</sup> (9.2yds<sup>3</sup>)  
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°

