

# WARRIOR 2100 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 (73,634lbs)
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 (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 4/Stage 4).

**Output Potential**

Up to 700 tph (772 US tph)\*

**Side Conveyor (Finesize)**

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

**Screenbox**

2 Deck screenbox  
Size: 4.88m x 1.55m (16' x 5')  
Spaleck 3D top deck with tumbling fingers  
Spaleck flip flow bottom deck

**Feeder Conveyor**

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

**Hopper**

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

**Side Conveyor (Midsize)**

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



**Screen Media**

- Top deck:
- Steel 3D punch plate
  - Rubber 3D punch plate
  - Rubber punch plate
  - Steel punch plate
- 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°

**Tracks**

Width: 500mm (19.7")

**Power Unit**

Tier 3/Stage 3A: CAT C4.4 ATAAC 97kW (130hp)  
Tier 4/Stage 4: CAT C4.4 93kW (125hp)  
Optional Constant Speed Engine (EU Only)  
Stage 3A Constant Speed: CAT C4.4 98kW (131hp)  
Fuel tank capacity: 336L (88 US Gal)

