



WARRIOR 1800X

Designed for medium to large operators, where high capacity and throughput are paramount, the Powerscreen® Warrior 1800X is a tough, heavy duty machine built for screening, 2 or 3 way splitting and stockpiling in quarrying, recycling, construction and demolition aggregates and top soil applications.

The versatile screen accepts a wide range of media options including bofor bars, finger screens, woven mesh and punch plates. An optional apron feeder is also available for the Warrior 1800X.



✓ APPLICATIONS

AGGREGATE



Sand & gravel
Blasted rock
River rock

RECYCLING



Top soil
C&D waste
Composted materials
Wood by-products
Overburden
Foundry waste

MINING



Processed ores
Processed minerals

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TECHNICAL HIGHLIGHTS ✓

INCREASED PRODUCTIVITY

- High capacity up to 625 tph / 689 US tph
- Low engine running speed to improve fuel consumption.
- Rapid set up time - typically under 10 minutes.
- Class leading belt widths helps to maximise throughput.

VERSATILITY

- Suitable for scalping or stockpiling as a 3 way split or 2 way split machine
- Prepared to accept a Powerscreen Warrior 2100 Spaleck recycling screenbox
- Dual power option
- Load sensing hydraulics prevent stalling, thus reducing downtime

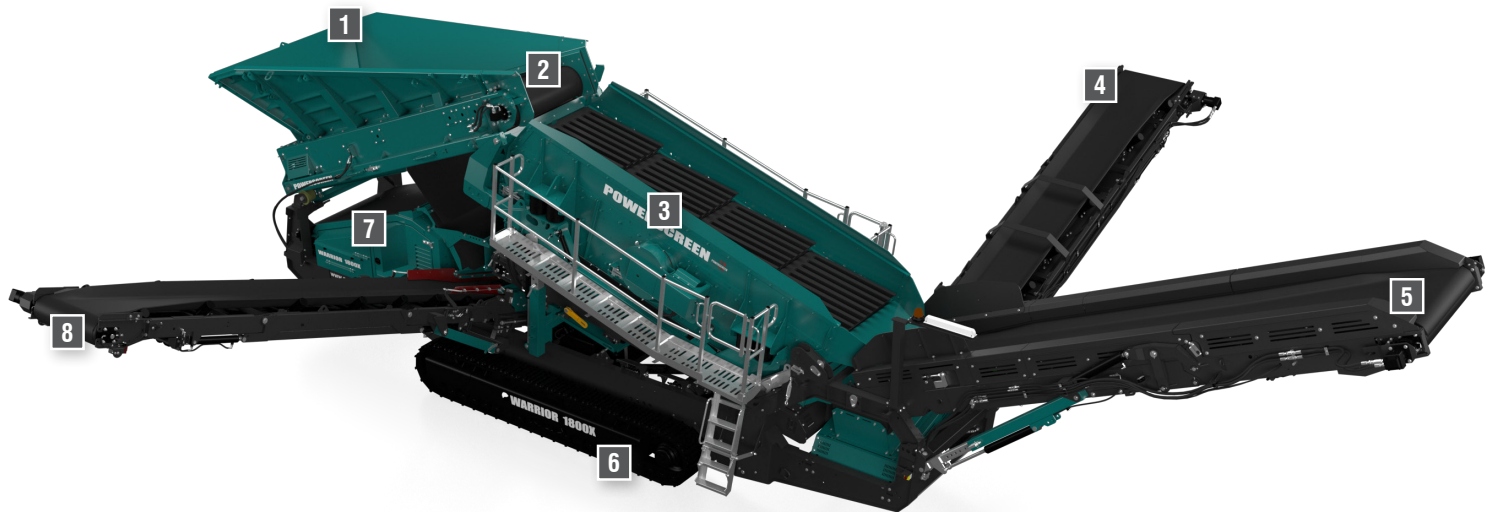
SERVICEABILITY

- Jack-up screen facility for access to screen media & underscreen conveyor
- Underscreen conveyor raise feature for conveyor & diesel tank access





TECHNICAL SPECIFICATION



1 HOPPER

Capacity: 7m³ (9.2 cu. yd.)
Hydraulic folding wing plates
Collapsible rear wall for direct feeding

2 FEED CONVEYOR

Width: 1300mm (52")
Heavy duty belt feeder
Super grip drive drum
Variable speed control

3 SCREENBOX

Heavy duty 2 deck screenbox with adjustable screening range
Size: 4.88m x 1.56m (16' x 5')
Adjustable screen angle 14° - 18°

4 SIDE CONVEYOR (FINESIZE)

Width: 900mm (36")
Discharge height: 4.08m (13' 5")
Variable speed control

5 TAIL CONVEYOR (OVERSIZE)

Width: 1400mm (56")
Discharge height: 4.2m (13' 9")
Heavy duty impact bars
Variable speed control
Angle adjustable 0° - 24°

6 TRACKS

Width: 400mm (1' 4")
2 Speed tracking

7 POWER UNIT

Engine Tier 3 Equivalent: Caterpillar C4.4 - 4 90kW (121hp) @ 1800rpm
Engine Tier 4F / Stage V: Deutz 3.6 - 4 92kW (123hp) @ 1800rpm
Fuel tank capacity: 336 L (89 US Gal)

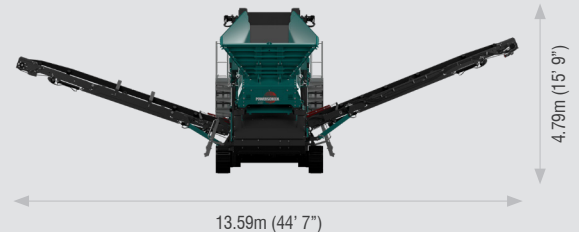
8 SIDE CONVEYOR (MIDSIZE)

Width: 900mm (36")
Discharge height: 3.81m (12' 6")
Variable speed control



DIMENSIONS

WORKING



TRANSPORT

Length: 15.99m (52' 5")
Width: 2.97m (9' 9")
Height: 3.43m (11' 3")

WEIGHT*

Total Weight: 35,000kg (77,162lbs)
*Weights may vary depending on options

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