

Powerscreen Warrior 1400X Specifications

The Powerscreen® Warrior 1400X is a flexible screening machine, aimed at small to medium sized operators who require a high performing, heavy duty, versatile machine that remains easy to transport.

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 1400X is extremely efficient in scalping, screening and recycling applications and it can process mixed demolition waste including greenwaste, soil, concrete, wood and asphalt.

The Warrior 1400XE has been designed to meet the needs of customers for whom electricity is a preferred power source and opens up the possibility to run the machine indoors. It can be powered by electricity generated by other Powerscreen models. The main benefit of the Warrior 1400XE is the variety of power options available. It can be self-powered with its own 72kVA generator, or be connected to a mains electricity supply for even further reductions in cost of ownership.

Features & Benefits

- Heavy duty, incline belt feeder with rigid one piece hopper
- Heavy duty, adjustable angle, grease lubricated 2 bearing, 2 deck screenbox
- Jack up screen facility to aid mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Improved stockpiling capacity
- Rapid set-up and shutdown time
- Two speed tracks
- Collection conveyor raise feature
- Reversible side conveyors (Warrior 1400X only)
- Self-powered by the on-board Genset or by external mains supply (Warrior 1400XE)

Options

- Radio controlled tracking
- Dual Power (additional electric hydraulic drive)
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Wide range of screen media
- 2 or 3 way split configuration
- High capacity incline apron feeder
- 300mm (12") Chassis riser
- Telescopic side conveyors (Warrior 1400X only)
- Hopper extensions
- Screen blanket



WARRIOR	WARRIOR 1400X/1400XE (2 WAY SPLIT)	WARRIOR 1400X/1400XE (3 WAY SPLIT)
Weight (Est)	27,200kg (59,965lbs)	30,000kg (66,138lbs)
Transport width	2.75m (9'0")	2.75m (9'0")
Transport length	13.62m (44'8")	14.17m (46'6")
Transport height	3.20m (10'6")	3.20m (10'6")
Working width	8.13m (26'8")	12.59m (41'3")
Working length	13.96m (45'10")	14.20m (46'7")
Working height	4.40m (14' 5")	4.40m (14' 5")

*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

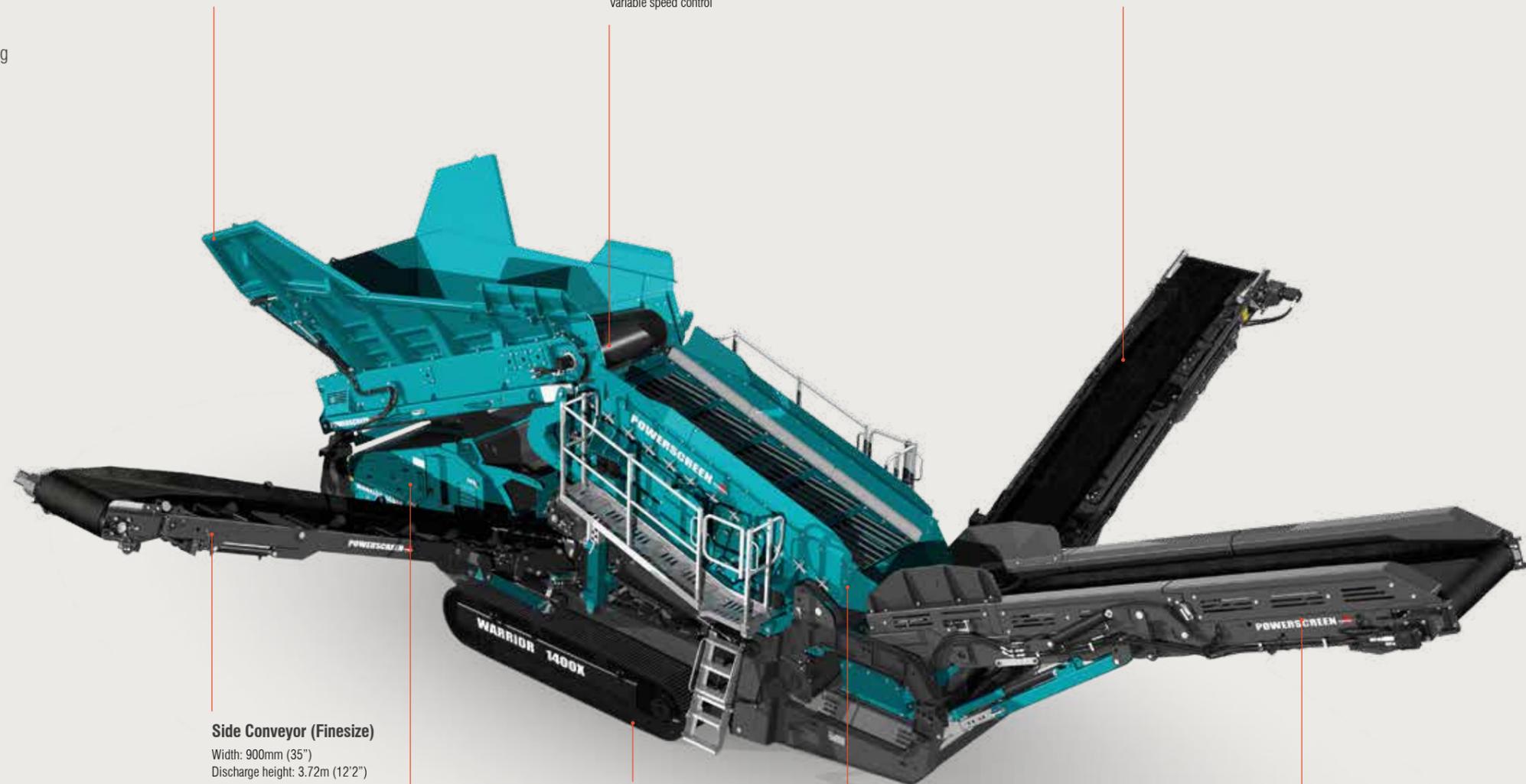
Capacity: 7m³ (9.2yds³)
Collapsible rear wall for direct feeding

Feeder Conveyor

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

Side Conveyor (Midsize)

Width: 900mm (35")
Discharge height: 3.6m (11'10")
Angle adjustable



Side Conveyor (Finesize)

Width: 900mm (35")
Discharge height: 3.72m (12'2")

Tracks

Width: 400mm (15.7")
2 Speed tracking

Power Unit

Warrior 1400X
Tier 3/Stage 3A:
CAT C4.4 ATAAC 90kW (121hp)
Tier 4F/Stage 4:
CAT C4.4 82kW (110hp)
Fuel tank capacity: 336 L (88 US Gal)

Warrior 1400XE

Tier 3/Stage 3A:
CAT C4.4 ATAAC 85kW (113hp)
Tier 4 Final/Stage 4:
CAT C4.4 70kW (93hp)
Fuel tank capacity: 336 L (88 US Gal)

Screen Media

- Mesh
- Punch plate
- Bofor
- Finger
- Ball deck
- Flex mat
- Speed harp

Screenbox

2 Bearing, 2 deck, high amplitude screenbox
Size: 3.6m x 1.25m (12' x 4.5')
Adjustable screen angle 13° - 19°

Tail Conveyor (Oversize)

Width: 1200mm (48")
Discharge height: 4m (13'1") (3 Way Split)
Discharge height: 3.4m (11'3") (2 Way Split)

