

WARRIOR 1800

Designed for medium to large operators, where high capacity and throughput are paramount, the Powerscreen® Warrior 1800 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.

With low ground pressure crawler tracks the Warrior 1800 is highly mobile. The versatile screen accepts a wide range of media options including bofor bars, finger screens, woven mesh and punch plates.

Features & Benefits

- Heavy duty, incline belt feeder with hydraulic hopper sides
- Heavy duty, adjustable angle, grease lubricated 2 bearing, 2 deck screenbox
- Jack up screen facility to aid mesh changes
- Hydraulic "slide out facility" on oversize tail conveyor to ease mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Engine protection shutdown system

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
- Telescopic side conveyor option



WARRIOR 1800 (INCLINE BELT FEEDER)	3 WAY SPLIT
Weight (Est)	29,200kg (64,375lbs)
Transport width	2.96m (9'8")
Transport length	15.38m (50'6")
Transport height	3.4m (11'2")
Working width	12.62m (41'5")
Working length	14.40m (47'5")
Working height	4.57m (14')

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential

Up to 600 tph (661 US tph)*

Hopper

Capacity: 6.8m³ (8.9yds³)
Hydraulic folding wing plates
Collapsible rear wall for direct feeding

Feeder Conveyor

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

Side Conveyor (Finesize)

Width: 900mm (35")
Discharge height: 3.7m (12'2")
Variable speed control
Angle adjustable 14° - 25°

Tail Conveyor (Oversize)

Width: 1400mm (55")
Discharge height: 3.73m (12'3")
Heavy duty impact bars
Variable speed control
Angle adjustable 10° - 24°

Power Unit

Tier 3/Stage 3A:
CAT C4.4 ATAAC 83kW (111.3hp)
Tier 4i / Stage 3B:
CAT C4.4 4 ATAAC 82kW (2200rpm)
Fuel tank capacity:
336 L (88 US Gal)

Tracks

Width: 400mm (15.7")
2 Speed tracking

Screen Media

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

Screenbox

2 Bearing, 2 deck, high amplitude screenbox
Size: 4.88m x 1.5m (16' x 5')
Adjustable screen angle 14° - 18°

Side Conveyor (Midsized)

Width: 900mm (35")
Discharge height: 3.44m (11'3")
Variable speed control
Angle adjustable 14° - 25°

