

[Powerscreen Warrior 1400](#)

[Inventory ID #1135886]



Powerscreen Warrior 1400

- Make: Powerscreen
- Model: Warrior 1400
- Year: 2006
- Hours: 6,000 Hours Approx.
- Condition: Excellent
- Output Potential up to 500 TPH (551 US TPH)
- Power Unit: Diesel Hydraulic.

- Hopper:
 - Target Area: 4.4m Long x 2.7m Wide.
 - Hopper Capacity: 6.78 m³ (8.87 yrd³)
 - Feed in Height: 2.88m (Rear Hopper Door Lowered)
 - Hardox Side Plates. Lowering Section to Rear to Reduce Feed in Height for Smaller Crushers.

- Screen Unit:
 - 12' x 5' (3.6 x 1.5m) Double Deck 2-Bearing
 - 15° to 18° Screen Angle Adjustable
 - Self Adjusting Motor Stand
 - 12mm Stroke @ 860 ±10 RPM
 - 10mm Stroke @ 920 ±10 RPM

- Feed Conveyor
 - 1300mm (51") Wide 4-Ply Plain Belt

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- Direct Feed Conveyor Fitted with Twin Direct Drive System & Hydraulic Variable Speed Control
 - Impact Bars and 5 Off 'Extra Heavy' Duty Impact Rollers Fitted Beneath Belt
 - 3.43m (11'-3") Drum Centers

 - Collection Conveyor Below Screenbox:
 - 1200mm (48") Wide 3ply Plain Belt
 - 2.795m (9'-2") Drum Centers

 - Fines Conveyor:
 - 900mm (36") Wide 3-Ply Plain Belt.
 - Hydraulically Folding
 - 3.45m (11'-4") Stockpile Height. (Measured to Drum Crown).
 - 14° to 25° Angle Adjustable.
 - 61m³ (80 yrd³) Stockpile Capacity.
 - Impact Bars Under Feed Boot.

 - Oversize Conveyor:
 - 1200mm (48") Wide 3-Ply Chevron Belt.
 - Variable Speed Control.
 - Impact Bar/Roller Combination.
 - Conveyor Slide Up System for Access to Bottom Deck Meshes.
 - 3.6 m (11'-10") Stockpile Height. (Measured to Drum Crown).
 - 10° to 24° Angle Adjustable

 - Powerunit & Hydraulics:
 - Diesel Engine: Caterpillar 3054 DIT, 82 kW (109 HP), Developing 74 kW (99HP) @ 2200 rpm.
 - Flywheel Pump: David Brown 5046/5033/5033
 - PTO Pump: David Brown 5023/5023 (23cc/rev each circuit)
 - Belt Feeder Motors: Danfoss OMSS125 (125cc/rev)
 - Apron Feeder Motor: Danfoss OMTS315 (315cc/rev)
 - Collection Conveyor Motor: Danfoss OMH500 (500cc/rev)
 - Fines Conveyor Motor: Danfoss OMH500 (500cc/rev)
 - Oversize Conveyor Motor: Danfoss OMV800 (800cc/rev)
 - Mid Conveyor Motor: Danfoss OMH500 (500cc/rev)
 - Screen Motor: David Brown MCC 2208 (59cc/rev)

 - Crawler Track Data:
 - Tractive Effort = 9,760 daN
 - Gradability Percentage = 30.4 % (13.33deg)

- Gearbox Ratio = 1:122
- Hydraulic Motor = Rexroth 63 cc/rev
- Approximate Speed = 1.02 Km/hr

- Tank Capacities:
 - Hydraulic Tank: 564 L (124 Gal)
 - Diesel Tank: 336 L (74 Gal)

- Overall Dimensions
 - Length: 14.21m (46'7")
 - Width: 2.75m (9')
 - Height: 3.2m (10'6")
 - Weight: 27,500kgs (60,627lbs)

- Location: USA

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