TRAKPACTOR 500SR

The Powerscreen® Trakpactor 500 is a horizontal shaft impactor which is versatile, efficient and highly productive. It offers both excellent reduction and a high consistency of product yield in quarrying, recycling and demolition applications. The machine is ideally suited to contract crushing due to its high productivity and ease of setup, operation and maintenance.

The Trakpactor 500SR offers further versatility in operation with a screen recirculating conveyor which returns oversized product to the crusher for further reduction and a double deck post-screen for fine-sizing.

Options

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition & quarry applications
- Load management system to control feeder speed
- Double deck grizzly feeder with under screen
- Impact crusher with hydraulic overload protection
- 4 Bar rotor with twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a chamber drive via clutch & highly fuel efficient direct drive system
- Hydraulically folding recirculation conveyor, no crane required during set-up (Trakpactor 500SR)
- Full length conveyor "under belt version"

- Full & half size martensitic, austenitic,

- chrome, ceramic blow bars Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 full
- Blow bar crane
- · Wire mesh for grizzly underscreen Optical belt scale
- Dirt conveyor
- Electric refuelling pump

2 half blow bars

- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Single deck post-screen.
- Plant lighting
- vibrating pan feeder

Applications Blasted rock

- River rock
- C & D waste
- Foundry waste
- Processed ores Processed minerals

- Single pole/twin pole magnet

- Fully independent under crusher



Width: 2.62m (8'7")

Capacity: 7m3 (9.2yds3)

Output Potential

Up to 500tph (550 US tph)*

Feeder

Vibrating pan and 2 deck pre-screen Length: 4.26m (14') Width: 1.38m (4'6") Grizzly length: 2m (6' 6")

Crusher

Twin apron, 4 bar impact crusher Feed Opening: 1360 x 800mm (53" x 32") Min. CSS: 75mm (3")* upper apron Min. CSS: 35mm (1.4")* lower apron

Recirculating Conveyor Width: 650mm (26")

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Weight (Est)	67,000kg (147,710lbs) without side conveyor or magnet
Transport width	3.18m (10'5")
Transport length	18.6m (61'1")
Transport height	3.8m (12'6")
Working width	7.1m (23'4") with side conveyor
Working length	20.7m (67'11")
Working height	5.47m (17'11")



Width: 800mm (32") Discharge height: 3.6m (11'10") Tracks

Width: 500mm (19.7")

Power Unit Tier 3/Stage 3A:

CAT C13 ACERT 328kW (440hp) Tier 4F/Stage 4: Scania DC13 385A 368kW (500hp) Fuel tank capacity: 700 L (185 US Gal)

Side Conveyor (option)

*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 4i/Stage 3B:, Tier 4F / Stage 4).

Product Conveyor Dust suppression



Post-Screen 2 Deck screenbox Length: 4.8m (16') Width: 1.53m (5')

Fines Conveyor

Width: 1200mm (47") Discharge height: 3.84m (12'7") Dust suppression

