

# TRAKPACTOR 500

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.

**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"

**Options**

- Full & half size martensitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 full 2 half blow bars
- Blow bar crane
- Wire mesh for grizzly underscreen
- Optical belt scale
- Single pole/twin pole magnet
- Side conveyor
- Electric refuelling pump
- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Single deck post-screen.
- Plant lighting
- Fully independent under crusher vibrating pan feeder

**Applications**

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

**Output Potential**

Up to 500tph (550 US tph)\*

**Hopper**

Wear resistant feed hopper  
Length: 4.96m (16' 3")  
Width: 2.62m (8' 7")  
Capacity: 7m³ (9.2yds³)

**Feeder**

Vibrating pan and grizzly feeder  
Length: 4.26m (14')  
Width: 1.38m (4' 6")  
Grizzly length: 2m (6' 6")

**Crusher**

Twin apron, 4 bar impact crusher  
Feed Opening: 1360mm x 800mm (54" x 32")  
Min. CSS: 75mm (3")\* upper apron  
Min. CSS: 35mm (1.4") lower apron



**Side Conveyor (option)**

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)

**Product Conveyor**

Width: 1200mm (47")  
Discharge height: 4.16m (13' 9")

**TRAKPACTOR 500**

Weight (Est)	52,580kg (115,919lbs) with side conveyor & magnet
Transport width	3m (9'10")
Transport length	17.3m (56'8")
Transport height	3.8m (12'6")
Working width	3m (9'10") 7m (23') with side conveyor
Working length	17m (56')
Working height	4.1m (13'6")



\*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).

