

1000SR

The Powerscreen® 1000SR is built around the successful 1000 Maxtrak model and features a re-circulating conveyor and a double-deck post-screen to provide a complete crushing and screening process on a single chassis. The machine is designed for direct feed applications without pre-screening on clean rock. At its heart is the Automax® cone crusher which provides excellent reduction and product cubicity for the production of high quality aggregate and sub-base material. Hydraulic release capabilities are designed so that any uncrushable material entering the chamber is safely discharged. Suitable for secondary and tertiary applications, the 1000SR can produce up to three products when oversized material doesn't require re-circulation to the crusher.

Features & Benefits

- Renowned Automax® crusher technology
- Accepts clean all in feed
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system
- Patented double deck post screen. Patent Publication Numbers: GB 2386848; US 6877610. Patent Pending in Germany, Application Number: DE 10305589.4
- Suitable for re-circulating oversized material

Options

- Concaves: extra coarse, medium coarse, coarse, Autosand®
- Short throw eccentric
- Feed hopper extension plates
- Product conveyor belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Radio remote control
- Urea refuelling pump
- Additional stockpiling conveyor for mid-grade product

Applications

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

Output Potential

Up to 230tph (253 US tph)*

Fines Conveyor

Width: 1400mm (55")
 Discharge height: 3m (9' 10")
 Type: Troughed, plain
 Dust suppression

Product Conveyor

Width: 800mm (32")

Crusher

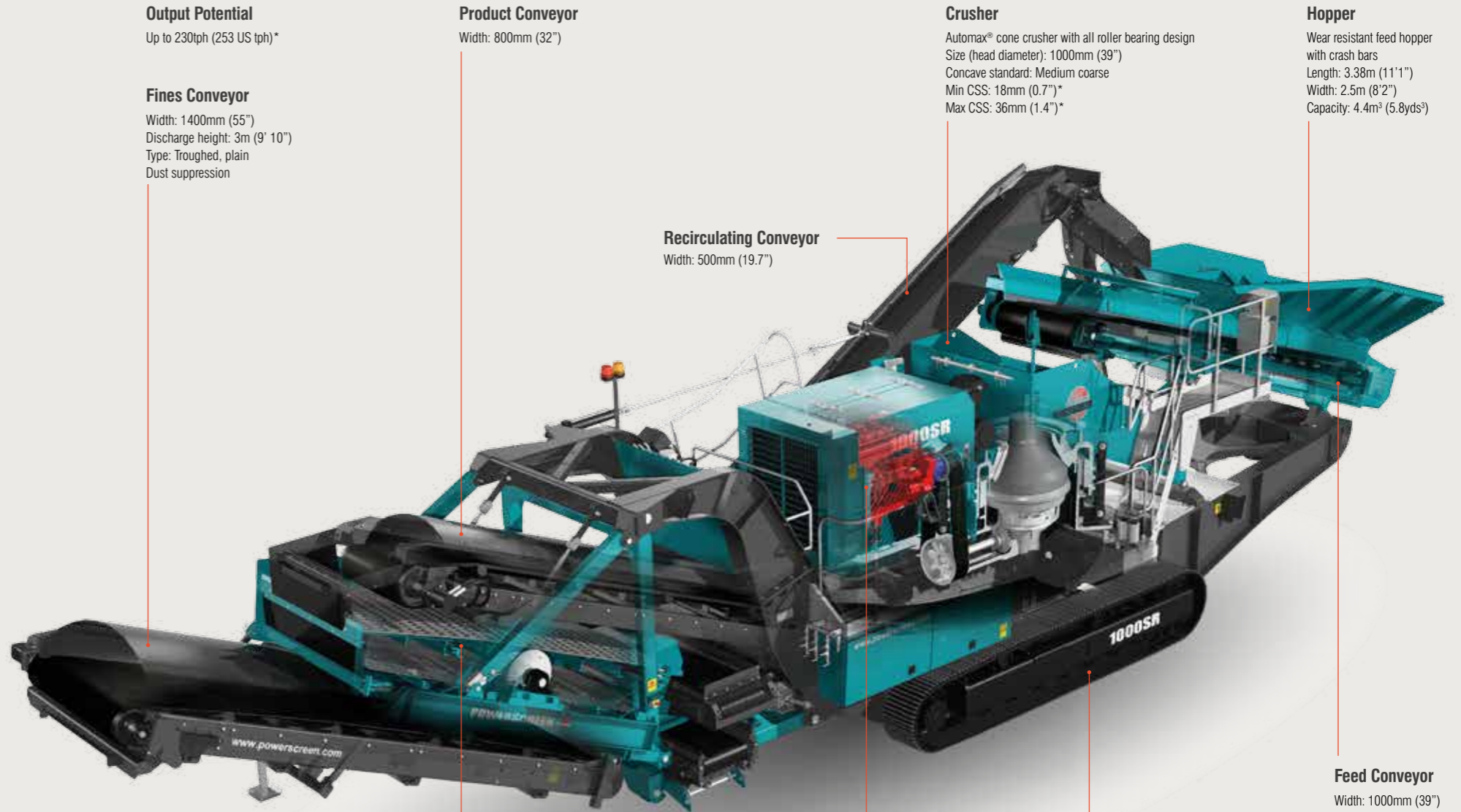
Automax® cone crusher with all roller bearing design
 Size (head diameter): 1000mm (39")
 Concave standard: Medium coarse
 Min CSS: 18mm (0.7")*
 Max CSS: 36mm (1.4")*

Hopper

Wear resistant feed hopper with crash bars
 Length: 3.38m (11'1")
 Width: 2.5m (8'2")
 Capacity: 4.4m³ (5.8yds³)

Recirculating Conveyor

Width: 500mm (19.7")



Feed Conveyor

Width: 1000mm (39")
 Over and under belt metal detector

Post-Screen

2 Deck screenbox
 Length: 3350mm (11')
 Width: 1525mm (5')

Power Unit

Tier 3/Stage 3A:
 CAT C9 ACERT 242kW (325hp)
 Fuel tank capacity: 552 L (137 US Gal)
 Tier 4i/Stage 3B & Tier 4F / Stage 4:
 Scania DC9 83A 257kW (350hp)
 Fuel tank capacity: 650 L (171 US Gal)

Tracks

Width: 400mm (15.7")

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Weight (Est)	38,500kg (84,900lbs)
Transport width	3.1m (10'2")
Transport length	16.9m (55'5")
Transport height	3.45m (11'4")
Working width	3.1m (10'2")
Working length	16.9m (55'5")
Working height	4.85m (15'11")



*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).

