

PREMIERTRAK 400 PRE-SCREEN

The Powerscreen® Premiertrak 400 range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling and mining applications. The Powerscreen® Premiertrak 400 Pre-Screen model was developed to incorporate a fully independent high amplitude, hydraulically driven pre-screen with increased drop angle on the bottom deck improving machine throughput and overall capacity. In order to facilitate improved pre-screened material flow, the discharge opening from the under chute has been increased from 200mm to 320mm, allowing faster movement of pre-screened material to bypass the crushing chamber.

Features & Benefits

- High output and excellent reduction capability
- Heavy duty wear resistant hydraulic folding feed hopper with with over centre struts and hydraulic pin-lock system
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Stepped self-cleaning grizzly feeder with under feeder screen option
- Deep fines chute to reduce material blockages
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Hydraulic crusher setting adjustment
- Improved manganese liner retention, protects jaw supports on both swing & fixed jaws
- Patented hydraulic crusher overload system, ideal for applications with un-crushable material in feed, 200mm³. Patent Publication Numbers: FR 1494810; DE 603 24 905 1-08; GB 2387342; US 7341213; CN ZL03810686.8 (Premiertrak R400 Pre-Screen)
- Economical to operate with low fuel consumption due to highly efficient direct drive system
- Angle adjustable product conveyor
- Easy access powerunit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up

Options

- Patented hydraulic deflector plate under crusher. Patent Publication Number: CN ZL03810686.8
- Side conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulically driven water pump
- Wire mesh for underscreen
- Super tooth or multi tooth jaw plates
- Extended hopper
- Grizzly cassette apertures

Applications

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

OUTPUT POTENTIAL

Up to 400 tph (441 US tph)*

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.9m (12' 9")

Crusher

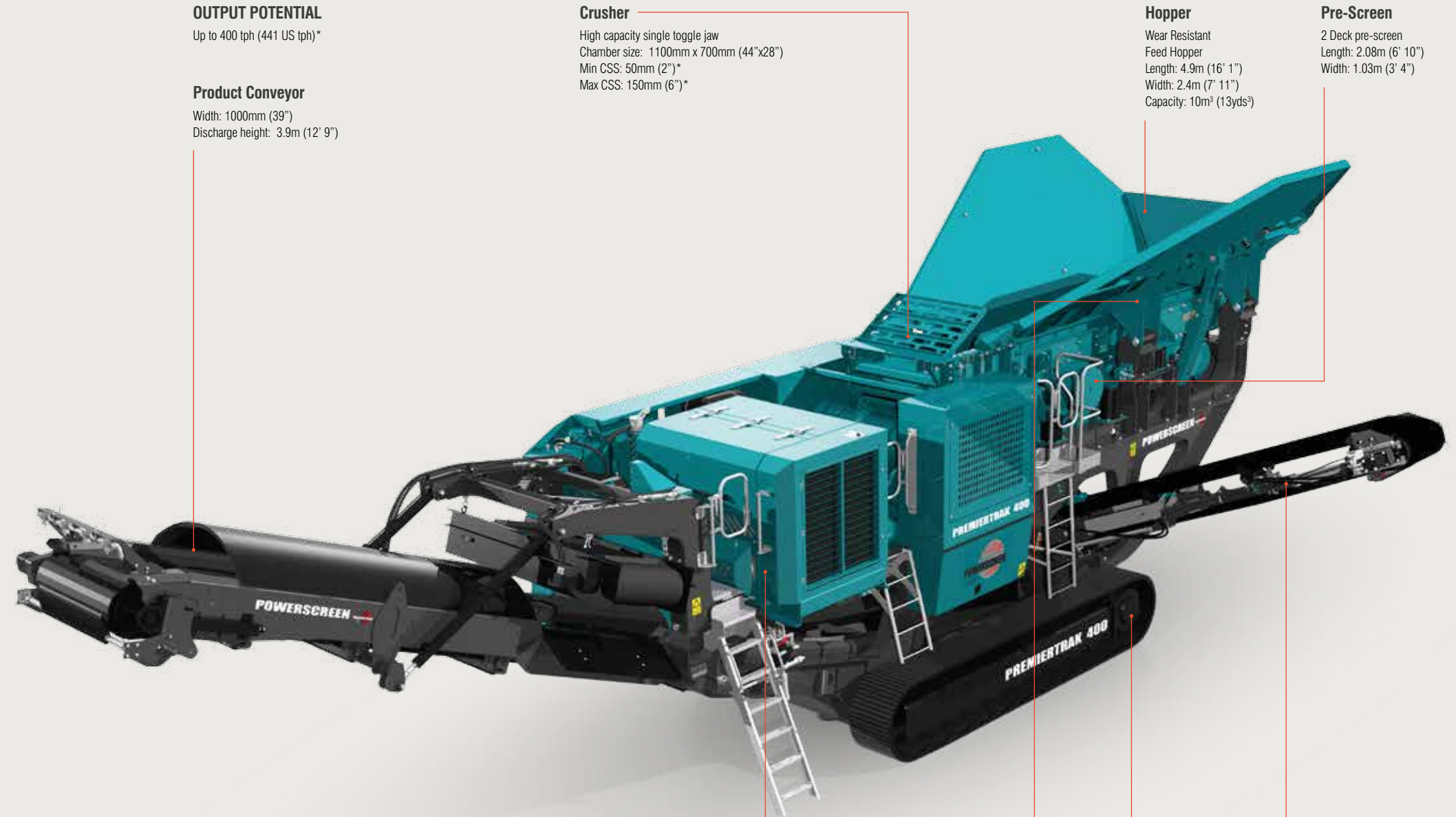
High capacity single toggle jaw
Chamber size: 1100mm x 700mm (44"x28")
Min CSS: 50mm (2")*
Max CSS: 150mm (6")*

Hopper

Wear Resistant
Feed Hopper
Length: 4.9m (16' 1")
Width: 2.4m (7' 11")
Capacity: 10m³ (13yds³)

Pre-Screen

2 Deck pre-screen
Length: 2.08m (6' 10")
Width: 1.03m (3' 4")



Tracks
500mm (19.7")

Side Conveyor (Option)
Width: 600mm (23.6")
Discharge height: 2m (6'5")

Power Unit

Tier 3/Stage 3A:
CAT C9 Acert 194kW (260hp)
Fuel tank capacity: 410 L (108 US Gal)
Tier 4i/Stage 3B:
Scania DC9 80A 202kW (275hp)
Fuel tank capacity: 450 L (119 US Gal)

Feeder

Vibrating pan feeder with live pre-screen
Length: 2.32m (7' 7")
Width: 1.04m (3' 5")

PREMIERTRAK 400 PRE-SCREEN

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| Weight (Est) | 49,000kg (108,026lbs) |
| Transport width | 2.8m (9'2") 2.9m (9'6") including side conveyor |
| Transport length | 15.4m (50'6") |
| Transport height | 3.65m (12') |
| Working width | 6.61m (21'8") with side conveyor deployed |
| Working length | 14.9m (49') |
| Working height | 4.99m (16'4") |



*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).

