



PREMIERTRAK 450

The Powerscreen® Premiertrak 450 is high-performance primary jaw crushing plant, designed for operators in quarrying, demolition, recycling, and mining applications. The Premiertrak 450 boasts a two-piece grizzly feeder allowing better material flow towards the chamber. User benefits include quick set up time and direct drive chamber for efficient fuel consumption. Additional options include single deck post screen, pre-screen and bypass conveyor.



✓ APPLICATIONS

AGGREGATE



Sand & gravel
Blasted rock
River rock

RECYCLING



C&D waste
Overburden
Foundry waste

MINING



Processed ores
Processed minerals

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TECHNICAL HIGHLIGHTS



INCREASED PRODUCTIVITY

- Superior tunnelling reduces the risk of rebar snagging giving excellent machine uptime.
- Class leading output due to new, larger bearing jaw chamber
- Jaw level sensor option promotes material flow by optimising feeder speeds, increasing daily productivity.
- Powerscreen Pulse intelligent monitoring as standard.



VERSATILITY

- Ideal for C&D waste / recycling applications with hydraulic deflector plate and hydraulically raise / lower product conveyor options.
- Jaw unblock option allows for rapid, safe and controlled clearance of the chamber.



SERVICEABILITY

- Centralised low level hydraulics and electrics.
- Unrestricted access to both sides of the power unit.





TECHNICAL SPECIFICATION



1 HOPPER

Hydraulic folding hopper
Length: 4.75m (15' 7")
Width: 2.5m (8' 2")
Capacity: 10m³ (13 cu. yd.)

2 CRUSHER

High capacity single toggle jaw
Chamber size: 1100mm x 700m
(44" x 28")
Min CSS: 50mm (2")
Max CSS: 150mm (6")

3 PRODUCT CONVEYOR

Width: 1000mm (40")
Discharge height: 3.9m (12' 10")

4 FEEDER

Vibrating grizzly feeder
Length: 4.25m (13' 11")
Width: 1.10m (3' 7")

5 TRACKS

Width: 500 mm (1' 8")

6 POWER UNIT

Tier 3 Equivalent: CAT C9.3 6 230kW
(308hp)
Tier 4F / Stage V: Scania DC9 202kW
(275hp)
Fuel tank capacity: 500 L (120 US G)



DIMENSIONS

WORKING



15.5m (50'10")

4.4m (14'5")



4.3m (19'1")

4.4m (14'5")

TRANSPORT

Length: 16.1m (52' 10")
Width: 3.4m (11' 2")
Height: 2.8m (9' 2")

WEIGHT*

Tier 3: 49,125kg (108,302lbs)
Tier 4F: 49,162kg (108,383lbs)
Stage V: 49,165kg (108,390lbs)

*Weights may vary depending on options

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