



PREMIERTRAK 420E

The Powerscreen Premiertrak 420E Jaw Crusher is a mid-range crusher used in recycling, quarrying, and mining applications. The crusher features a 1070mm x 760mm (42" x 30") single toggle jaw chamber. As part of Powerscreen's hybrid range, the 420E has been designed to give customers alternative energy options to operate on site. Hybrid machines can be of special interest if operating in an area where electricity is more cost effective than diesel fuel.



✓ APPLICATIONS

AGGREGATE



Sand & gravel
Blasted rock
River rock

RECYCLING



C&D waste
Overburden
Foundry waste

MINING



Processed ores
Processed minerals

TECHNICAL HIGHLIGHTS



SUSTAINABLE CRUSHING

- The Powerscreen® Hybrid range has been designed to give customers alternative energy options to operate their range of crushing, screening, and conveying equipment.
- This electric crusher has the ability to run with onboard generator to increase efficiency or it can also be plugged into mains for further savings.



VERSATILITY

- Ideal for C&D waste / recycling applications with hydraulic deflector plate and hydraulically raise / lower product conveyor options.
- Jaw unblock option combines the benefits of hydrostatic drive with the fuel efficiency of direct drive.



SERVICEABILITY

- Centralised low level hydraulics and electrics.





TECHNICAL SPECIFICATION



1 HOPPER

Fixed hopper as standard
Feed height: 3.98 m (12' 11")
Feed width: 2.67 m (8' 9")
Capacity: 9 m³ (11.7 cu. yd.)

2 CRUSHER

High capacity single toggle jaw
Chamber size: 1070 mm x 760 mm
(42" x 30")
Min. CSS: 45 mm (1 3/4")
Max. CSS: 145 mm (5 3/4")

3 PRODUCT CONVEYOR

Width: 1000 mm (40")
Discharge height: 3.6 m (11' 10")

4 BYPASS CONVEYOR (OPTION)

Width: 650 mm (26")
Discharge height: 2.1 m (7')

5 FEEDER

Vibrating grizzly feeder
Length: 4.25 m (13' 11")
Width: 1.05 m (3' 5")

6 TRACKS

Width: 500 mm (1' 8")

7 POWER UNIT

Tier 2 / Stage II Equivalent: Scania
DC09
Engine Power: 257kW (350hp)

Stage IIIA (Tier 3) Constant Speed:
Scania DC09
Engine Power: 273kW (365hp)

Tier 4F / Stage IV: Scania DC09
Engine Power: 257kW (350hp)

Stage V: Scania DC09
Engine Power: 257kW (350hp)
Fuel tank capacity: 430L (114 US
GAL)



DIMENSIONS



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