



# 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 m<sup>3</sup> (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



## GET IN TOUCH

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