

1180 PREMIERTRAK

The Powerscreen® 1180 Premiertrak is a medium to large scale mobile primary jaw crusher plant which achieves high outputs in a variety of quarrying, recycling and contract crushing applications. The crusher features a high swing jaw with a forceful motion that improves feed entry into the crushing chamber to maximise throughput and allow for excellent reduction. User benefits include low fuel consumption, track mobility and simplified set-up, operation and maintenance.

Features & Benefits

- High output and excellent reduction capacity
- Hydraulically folding wear resistant hopper
- 2 Way dirt chute
- Heavy duty chassis and track frame
- Aggressive stroke with high swing jaw
- Fully skirted product conveyor with hydraulic tail lift
- Economical to operate with a highly fuel efficient direct drive system
- Oversize cartridge encased mainframe bearings
- Dust suppression system
- Rugged vibrating grizzly feeder
- Manual crusher setting adjustment
- Easy access powerunit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Easily set up

Options

- Grizzly bars
- 600mm (2') wide hydraulically folding side conveyor
- 800mm (2'6") side conveyor (has to be removed for transport)
- Single pole/twin pole magnet
- Belt weigher
- Electric refuelling pump
- Hydraulically driven water pump
- Radio remote control
- Deflector plate under crusher
- Wire mesh for underscreen

Applications

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

Output Potential

Up to 450 tph (496 US tph)*

Product Conveyor

Width: 1000mm (39")
Discharge Height: 3.9m (12'10")

Crusher

High capacity single toggle jaw
Chamber size: 1100mm x 800mm (44" x 32")
Min CSS: 90mm (3.5")*
Max CSS: 150mm (6")*

Feeder

Vibrating pan and grizzly feeder
Feeder length: 4.26m (14')
Pan width: 1.06m (3'6")
Grizzly length: 1.65m (5' 5")

Hopper

Wear resistant feed hopper
Width: 2.4m (7'11")
Capacity: 9.1m³ (12yds³)



Side Conveyor (options)

Width: 650mm (2' 2")
Discharge height: 2.28m (7' 6")
Width: 800mm (2' 6")
Discharge Height: 3.07m (10' 1")

Tracks

Width: 500mm (19.7")

Power Unit

Tier 3/Stage 3A:
CAT C13 ACERT 288kW (385hp)
Fuel tank capacity: 476 L (125 US Gal)

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Weight (Est)	56,650kg (124,892lbs) including side conveyor
Transport width	2.97m (9'9")
Transport length	16.6m (54'6")
Transport height	3.8m (12'6")
Working width	2.97m (9'9") 4.2m (13'8") with 600mm (24") side conveyor deployed
Working length	16.6m (54'6")
Working height	4.45m (14'7")



*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 4/Stage 3B, Tier 4F / Stage 4).

