

PREMIERTRAK 400X/R400X

The Powerscreen® Premiertrak 400X range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling and mining applications. The range includes the Premiertrak 400X with hydraulic adjust and the Premiertrak R400X with hydraulic release. User benefits include track mobility for a quick set-up time (typically under 30 minutes,) hydraulic crusher setting adjustment for total control of product size and crusher overload protection to prevent damage by uncrushable objects.

Features & Benefits

- High output and excellent reduction capability
- Wear resistant hydraulic folding feed hopper with hydraulic wedge fixing 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
- Improved bypass chute to increase material flow
- 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
- Economical to operate with low fuel consumption due to highly efficient direct drive system
- Angle adjustable product conveyor
- Easy access power unit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up
- Fitted with Powerscreen Pulse Telematics system
- 650mm wide bypass conveyor
- Fully inclined catwalks

Options

- Patented hydraulic deflector plate under crusher
- Side conveyor /extended 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
- Postscreen available (will add est 6 tonnes to a machine weight)
- Unblock motor
- Extended main conveyor
- Over crusher level sensor
- Patented hydraulic crusher overload system, ideal for applications with un-crushable material in feed, 200mm².
- Pre-screen available

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: 3.5m (11'5")

Crusher

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

Hopper

Wear resistant feed hopper
Length: 4.9m (16' 1")
Width: 2.49m (8'2")
Capacity: 10m³ (13yds³)



Power Unit

Tier 3/Stage 3A:
CAT C9 ACERT 194kW (260hp)
Tier 4F/Stage 4:
Scania DC9 84A 202kW (275hp)
Fuel tank capacity: 450 L (119 US Gal)
Constant speed option

Tracks

Width: 500mm (19.7")

Feeder

Vibrating pan and grizzly feeder
Feeder length: 4.20m (13'9")
Feeder width: 1.06m (3' 6")
Grizzly length: 2.12m (7")

Side Conveyor (option)

Width: 650mm (25.6")
Discharge height: 2.2m (7'2")

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Weight (Est) (Tier 3)	46,300kg (102,274lbs)
Weight (Est) (Tier 4F)	46,500kg (102,514lbs)
Transport width	2.8m (9'2")
Transport length	15.02m (49'3")
Transport height	3.4m (11'2")
Working width with side conveyor	4.33m (14'2")
Working length	14.66m (48'1")
Working height	4.13m (13'6")



*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 4F / Stage 4, Constant speed).