

PREMIERTRAK 300/R300

The Powerscreen® Premiertrak 300 range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling & mining applications. The range includes the Premiertrak 300 with hydraulic adjust & the Premiertrak R300 with hydraulic release. User benefits include track mobility for a quick set-up time, hydraulic crusher setting adjustment for total control of product size and crusher overload protection to prevent damage by un-crushable objects.

An optional hydrostatic drive system offers versatility and allows the crusher to be operated in reverse, of particular benefit in recycling applications.

Features & Benefits

- Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking pins
- Heavy duty wear resistant feed hopper
- Stepped grizzly feeder with under-screen
- Wide bypass chute to optimise material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Fully hydraulic crusher setting adjustment
- Improved manganese liner retention, protects jaw supports on both swing & fixed jaws
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Angle adjustable product conveyor, lowers for access & transport
- Low fuel consumption due to highly efficient direct drive system and low engine RPM
- Easily accessed power unit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Fitted with Powerscreen Pulse Telematics system

Options

- Deflector plate under crusher
- Dirt conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Urea refuelling pump
- Pre-screen system
- Stockpiler drive

Applications

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

Output Potential

Up to 280tph (308 US tph)*

Product Conveyor

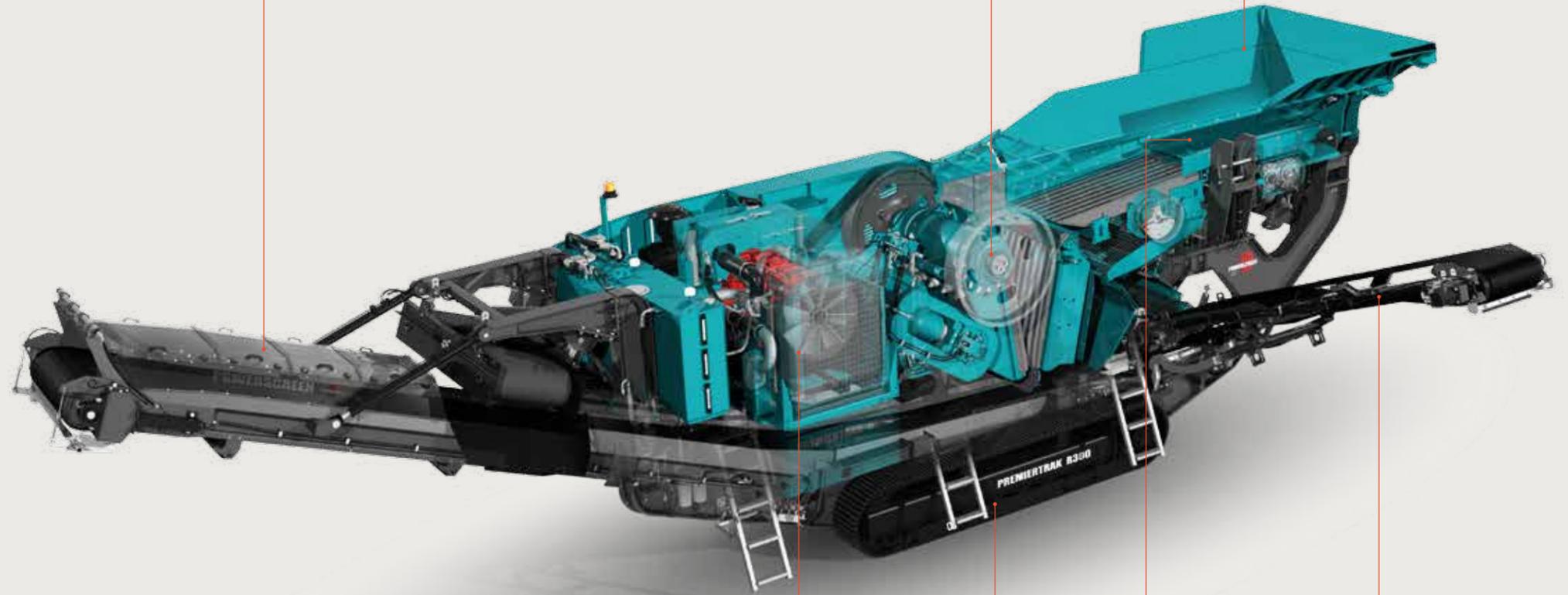
Width: 900mm (35")
Discharge height: 3.2m (10'6")

Crusher

High capacity single toggle jaw
Chamber size: 1000mm x 600mm (39" x 23.6")
Min CSS: 40mm (1.5")*
Max CSS: 145mm (5")*

Hopper

Wear resistant feed hopper
Length: 4.3m (14' 1")
Width: 2.05m (6' 8")
Capacity: 5m³ (6.5yds³)



Tracks

Width: 400mm (15.7")

Side Conveyor (option)

Width: 650mm (2' 2")
Discharge height: 2.10m (6'11")
Discharge height: 2.75m (9')
(extended conveyor option)

Power Unit

Tier 3/Stage 3A:
CAT C7.1 186kW (250hp)
Tier 4F/Stage 4:
CAT C7.1 205kW (280hp)
Fuel tank capacity: 520 L (137 US Gal)

Feeder

Vibrating pan and grizzly feeder
Pan length: 1.73m (5' 8")
Pan width: 0.9m (3')
Grizzly length: 1.9m (6' 3")
Grizzly width: 0.9m (3')

| PREMIERTRAK | 300 | R300 |
|---|----------------------|----------------------|
| Weight (est.) with side conveyor & magnet | 35,000kg (77,161lbs) | 36,580kg (80,645lbs) |
| Transport width | 2.85m (8' 6") | 2.55m (8' 5") |
| Transport length | 14.1m (46' 3") | 14.6m (47' 11") |
| Transport height | 3.4m (11' 2") | 3.2m (10' 6") |
| Working width with side conveyor | 6.28m (20' 7") | 6.28m (20' 7") |
| Working length | 14.1m (46' 3") | 14.7 (48' 3") |
| Working height | 3.4m (11' 2") | 3.85m (12' 8") |



*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).

