

Atlas Copco Powercrusher PC 1375 I



Impact crusher

Capacity* – Up to 300 t/h

Sustainable Productivity

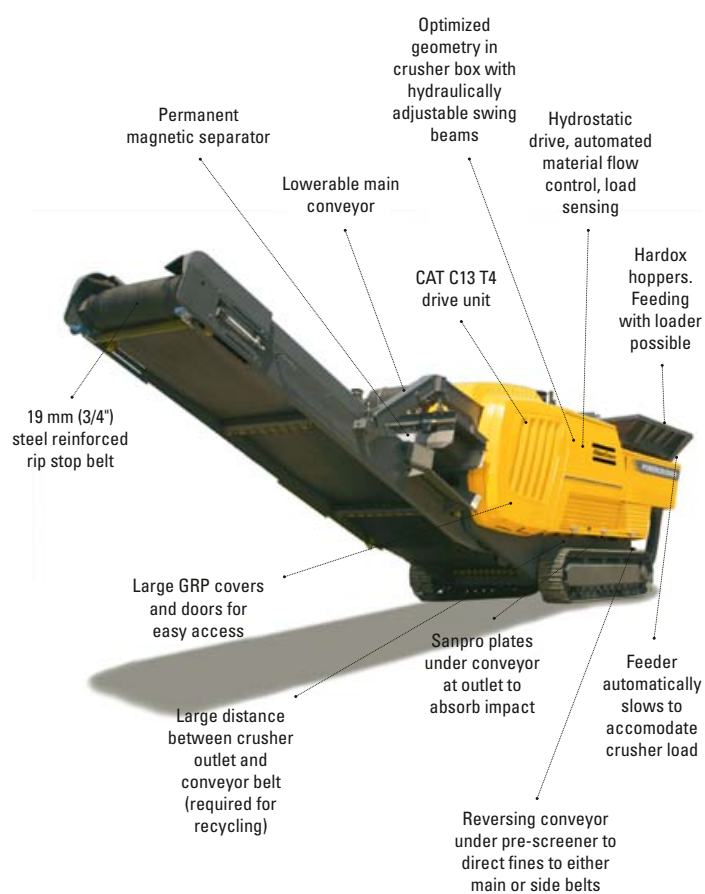
Atlas Copco

Features and technical information for PC 1375 I

For further information, please contact your local Atlas Copco Customer Center.

The Atlas Copco Powercrusher impact crushers are robustly constructed to stand up to the toughest conditions and have huge output capacities. Years of valuable customer input have allowed for the optimization of these impact units. The geometry of the Atlas Copco units means that the rotor/swing beam positioning produces first class end products. Large GRP covers allow for ease of access for service and maintenance. This unit is hydrostatically driven with automated material low control and load sensing. A reversing conveyor under the pre-screen section directs the material to either the side belt or main belt without the need for chute modifications. The PC 1375 I gives you:

- The ability of these impactors to be used truly as primary units
- Minimal percentage of oversized material
- High reduction ratios and throughputs
- Elimination of up to two crushing stages in certain applications
- Load sensing – the feeder automatically adjusts responding to rotor load



Technical data

Crusher box

Inlet opening	1 250 x 750 mm
Rotor width	1 200 mm
Rotor diameter	1 010 mm
Rotor revolution (adjustable 80% - 100%)	840 (max. rpm)

Feedhopper

Charging volume	approximately 4 m ³
Charging length	3 700 mm
Charging width	2 500 mm
Charging height	3 250 mm

Vibrating chute with pre-screening

Length	3 620 mm
Width	1 210 mm

Main conveyor belt

Belt width	1 200 mm
Discharge height	3 000 mm

Side conveyor belt

Belt width	650 mm
Discharge height	1 800 mm

Reversing conveyor belt

Belt width	1 000 mm
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Crawler unit

Track chain width	500 mm
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Permanent magnetic separator

Belt width	750 mm
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***Capacity** - Crusher production depends on gap settings, material, infeed size and feed rate.

Quick facts

Unit type	Impact crusher
Inlet opening	1 250 x 750 mm
Total weight	40 000 kg
Transport dimensions	(L) 14 850 x (W) 2 550 x (H) 3 300
Crushing capacity	Up to 300 t/h
Engine power	328 kW (440 HP)