

Atlas Copco Powercrusher PC 1375 I



Impact crusher

Capacity* – Up to 300 t/h (330 ust/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 flow 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	49" x 29"
Rotor width	1 200 mm	48"
Rotor diameter	1 010 mm	39"
Rotor revolution (max engine speed)	760 rpm	760 rpm

Feedhopper		
Charging volume, approx.	5.5 m ³	7.2 y ³
Charging length	3 054 mm	10'
Charging width	2 510 mm	8' 2"
Charging height	3 480 mm	11' 5"

Vibrating chute with pre-screening		
Length	3 462 mm	11' 4"
Width	1 140 mm	45"

Main conveyor belt		
Belt width	1 200 mm	48"
Discharge height	3 212 mm	10' 6"

Side conveyor belt		
Belt width	650 mm	26"
Discharge height	1 898 mm	6' 2"

Reversing conveyor belt		
Belt width	1 000 mm	39"

Crawler unit		
Track chain width	380 mm	15"

Permanent magnetic separator		
Belt width	750 mm	29"

***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	49" x 29"
Total weight	40 000 kg	88 185 lbs
Transport dimensions (L x W x H)	14 850 x 2 550 x 3 300 mm	48' 8" x 8' 4" x 10' 9"
Crushing capacity	Up to 300 t/h	330 ust/h
Engine power	328 kW	440 HP