

Atlas Copco Powercrusher PC 3



Impact crusher

Capacity* – Up to 250 t/h (275 ust/h)

Sustainable Productivity

Atlas Copco

Features and technical information for PC 3

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. The unit can be equipped with a main conveyor mounted screen box. Large GRP covers allow for ease of access for service and maintenance. The PC 3 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
- Perfect for use in small, medium or larger applications
- Ability of producing two sellable products by using the screen box



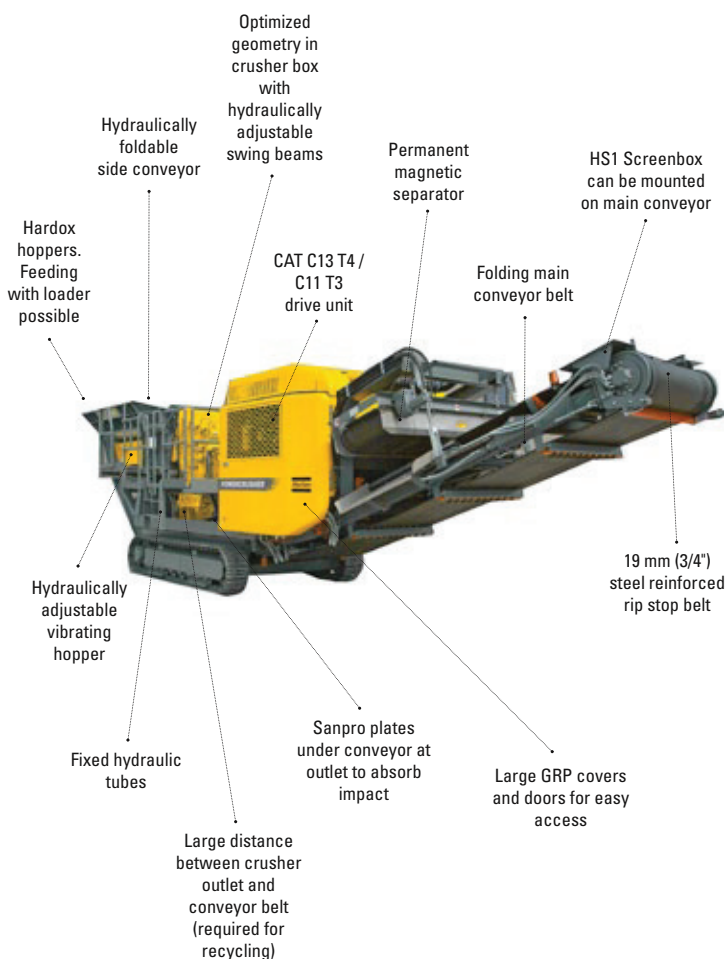
Technical data

Crusher box		
Inlet opening	1 250 x 705 mm	49" x 28"
Rotor width	1 200 mm	48"
Rotor diameter	1 010 mm	39"
Rotor revolution (max engine speed)	780 rpm	780 rpm
Feedhopper		
Charging volume, approx.	4.5 m ³	5.9 y ³
Charging length	2 853 mm	9' 4"
Charging width	2 466 mm	8' 1"
Charging height	3 280 mm	10' 9"
Vibrating chute with pre-screening		
Length	3 441 mm	11' 3"
Width	1 170 mm	46"
Main conveyor belt		
Belt width	1 200 mm	48"
Discharge height	3 191 mm	10' 5"
Side conveyor belt		
Belt width	650 mm	26"
Discharge height	2 796 mm	8' 2"
Crawler unit		
Track chain width	500 mm	20"
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 705 mm	49" x 28"
Total weight	38 000 kg	83 775 lbs
Transport dimensions (L x W x H)	13 350 x 2 900 x 3 350 mm	43' 9" x 9' 6" x 10' 11"
Crushing capacity	Up to 250 t/h	275 ust/h
Engine power	287 kW	385 HP



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