

Atlas Copco Powercrusher PC 1610 IG



Impact crusher

Capacity* – Up to 450 t/h

Sustainable Productivity

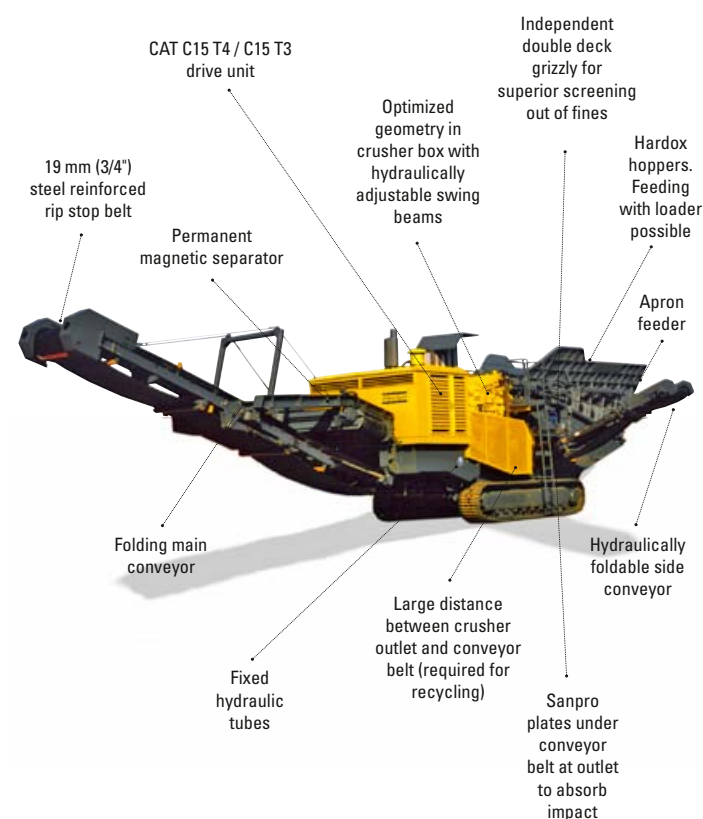
Atlas Copco

Features and technical information for PC 1610 IG

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 double deck independent grizzly section operates separately from the apron feeder, and offers excellent efficiency when screening out fines prior to material entering the crushing chamber. The unit is equipped with a steel apron feeder making for constant feeding even when the material is sticky or wet. The PC 1610 IG 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
- Excellent quality of end product due to the efficiency of the fines removal
- Ability to process difficult in feed materials because of the apron feeder



Technical data

Crusher box	
Inlet opening	1 560 x 1 020 mm
Rotor width	1 500 mm
Rotor diameter	1 300 mm
Rotor revolution	640 (max. rpm)
Feedhopper	
Charging volume	approximately 9 m ³
Charging length	4 600 mm
Charging width	2 600 mm
Charging height	4 300 mm
Apron feedery	
Wheelbase	3 600 mm
Belt width	1 500 mm
Main conveyor belt	
Belt width	1 200 mm
Discharge height	3 965 mm
Side conveyor belt	
Belt width	1 000 mm
Discharge height	3 100 mm
Crawler unit	
Track chain width	500 mm
Permanent magnetic separator	
Belt width	900 mm

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

Quick facts

Unit type	Impact crusher
Inlet opening	1 560 x 1 020 mm
Total weight	80 000 kg
Transport dimensions	(L) 16 500 x (W) 3 290 x (H) 3 830
Crushing capacity	Up to 450 t/h
Engine power	403 kW (540 HP)