

Atlas Copco Powercrusher PC 6



Jaw crusher

Capacity* – Up to 350 t/h

Sustainable Productivity

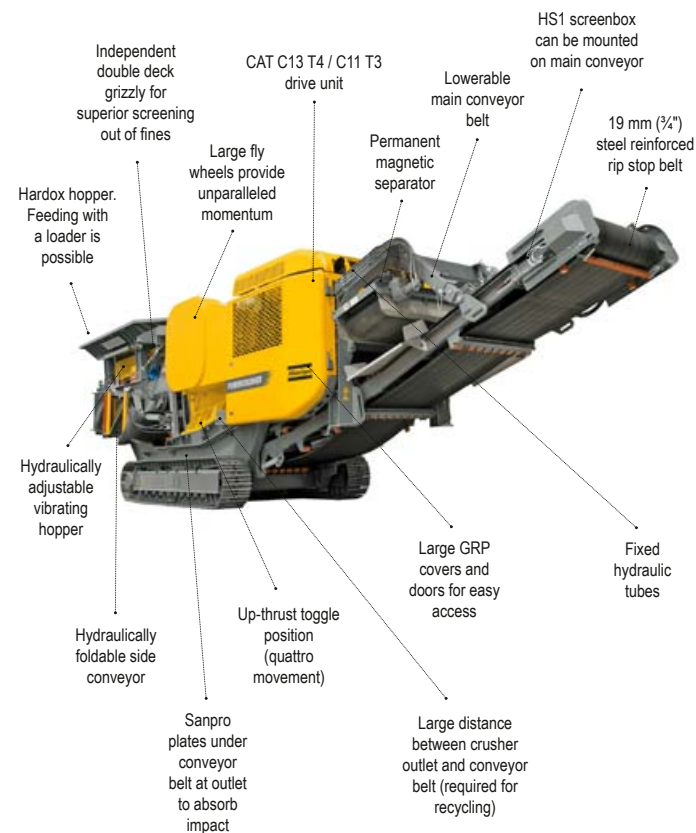
Atlas Copco

Features and technical information for PC 6

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

The Atlas Copco Powercrusher jaw crushers have been designed to operate in the most rugged environments - and incorporate the unique "Quattro Movement". This "Quattro Movement" is made possible by an up-thrust toggle plate position. This causes a figure 8 motion in the moving jaw, which increases the feeding capacity and also produces a post-crush at the crusher outlet. The double deck independent grizzly section operates separately from the hopper and offers excellent efficiency when screening out fines prior to material entering the crushing chamber. 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 6 gives you:

- Less blockages
- More consistent wearing over the entire jaw faces
- High percentage of less flaky material
- Higher capacity
- Excellent quality of end product due to the efficiency of the fines removal
- Ability of producing two sellable products by using the screen box or running in closed circuit



Technical data

Crusher box	
Inlet opening	1 300 x 800 mm
Gap width	70 - 160 mm
Jaw Flywheel	1 500 mm
Crusher revolution	270 (max. rpm)
Feedhopper	
Charging volume	approximately 7 m ³
Charging length	4 300 mm
Charging width	2 800 mm
Charging height	4 200 mm (with walls)
Vibrating chute with double deck grizzly	
Length	4 700 mm
Width	1 270 mm
Main conveyor belt	
Belt width	1 200 mm
Discharge height	3 112 mm
Side conveyor belt	
Belt width	800 mm
Discharge height	2 800 mm
Crawler unit	
Track chain width	500 mm
Permanent magnetic separator	
Belt width	750 mm

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

Quick facts

Unit type	Jaw crusher
Inlet opening	1 300 x 800 mm
Total weight	55 000 kg
Transport dimensions	(L) 14 510 x (W) 3 000 x (H) 3 960
Crushing capacity	Up to 350 t/h
Engine power	287 kW (385 HP)