

Atlas Copco Powercrusher

PC 2



Jaw crusher

Capacity* – Up to 250 t/h (275 ust/h)

Sustainable Productivity

Atlas Copco

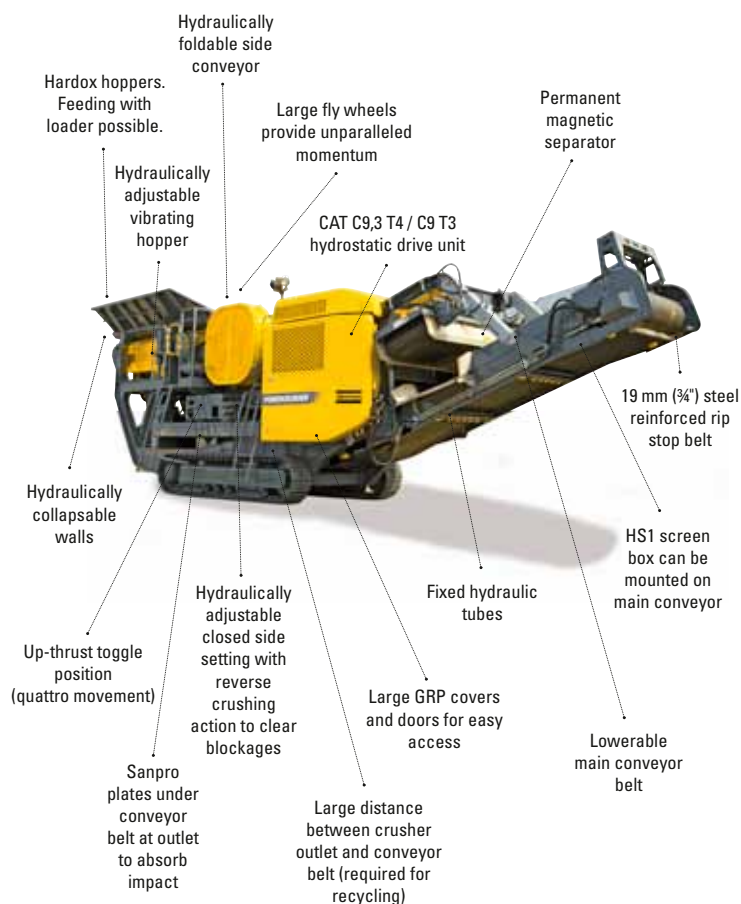
Features and technical information for PC 2

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. In addition to this, the CSS is hydraulically adjustable using a moving wedge system making for quick and easy adjustments. The unit can be equipped with a main conveyor mounted screen box. Hydraulically collapsible hopper side walls make for optimized transport dimensions. Large GRP covers allow for ease of access for service and maintenance.

The PC 2 gives you:

- Less blockages (reverse crushing action)
- More consistent wearing over the entire jaw faces
- High percentage of less flaky material
- Higher capacity
- Excellent transport dimensions for optimized mobility
- Ability of producing two sellable products by using the screen box



Technical data

Crusher box		
Inlet opening	1 020 x 730 mm	40" x 28"
Gap width	50 - 140 mm	2" - 5.5"
Jaw Flywheel	1 200 mm	48"
Crusher revolution, max.	330 rpm	330 rpm

Feedhopper		
Charging volume, approx.	4.2 m ³	5.5 y ³
Charging length	3 333 mm	10' 11"
Charging width	2 424 mm	7' 11"
Charging height	3 759 mm	12' 4"

Vibrating chute with pre-screening		
Length	3 348 mm	10' 11"
Width	820 mm	32"

Main conveyor belt		
Belt width	1 000 mm	39"
Discharge height	2 941 mm	9' 8"

Side conveyor belt		
Belt width	650 mm	26"
Discharge height	2 508 mm	8' 3"

Crawler unit		
Track chain width	400 mm	16"

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	Jaw crusher	
Inlet opening	1 020 x 730 mm	40" x 28"
Total weight	40 000 kg	88 185 lbs
Transport dimensions (L x W x H)	12 000 x 2 500 x 3 200 mm	39' 4" x 8' 3" x 10' 6"
Crushing capacity	Up to 250 t/h	275 ust/h
Engine power		
CAT C9,3 T4	242 kW	324 HP
CAT C9 T3	205 kW	275 HP