

Atlas Copco Powercrusher PC 6



Jaw crusher

Capacity* – Up to 350 t/h (385 ust/h)

Sustainable Productivity

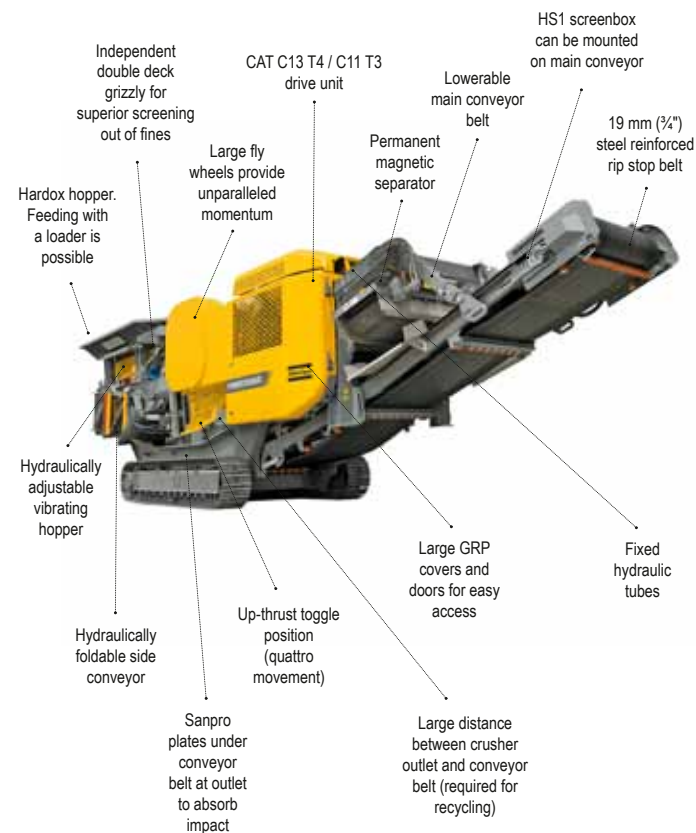
Atlas Copco

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



Technical data

Crusher box		
Inlet opening	1 300 x 800 mm	51" x 31"
Gap width	70 - 135 mm	2.5" - 5"
Jaw Flywheel	1 500 mm	59"
Crusher revolution, max.	270 rpm	270 rpm
Feedhopper		
Charging volume, approx.	9 m ³	11.8y ³
Charging length	4 120 mm	13' 6"
Charging width	2 800 mm	9' 2"
Charging height (with walls)	4 200 mm	13' 9"
Vibrating chute with pre-screening		
Length	4 677 mm	15' 4"
Width	1 162 mm	46"
Main conveyor belt		
Belt width	1 200 mm	48"
Discharge height	3 323 mm	10' 10"
Side conveyor belt		
Belt width	800 mm	31"
Discharge height	2 954 mm	9' 8"
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	Jaw crusher	
Inlet opening	1 300 x 800 mm	51" x 31"
Total weight	55 000 kg	121 250 lbs
Transport dimensions (L x W x H)	14 510 x 3 000 x 3 960 mm	47' 7" x 9' 10" x 12' 11"
Crushing capacity	Up to 350 t/h	385 ust/h
Engine power	287 kW	385 HP