

Atlas Copco Powercrusher

PC 21



Cone Crusher

Capacity* – Up to 410 t/h (452 ust/h)

Sustainable Productivity

Atlas Copco

Features and Technical Information for PC 21

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

The Atlas Copco cones are compact units with excellent output capacities that have been designed to accept an "all in" infeed. This all-in feeding increases the particle on particle crushing - this increases the quality of the end material shape, decreases wear and can eliminate the need for pre-screening. The major aspects of the Atlas Copco cones are their design, some of the features include:

- Slewing feeder
- Dynamic adjustment
- Anti-spin system



Technical Data

Cone		
Infeed size	200 mm	8"
CSS range	10-45 mm	3/8" - 1 3/4"
Feedhopper		
Charging Volume	6.1 m ³	8 y ³
Charging length	3 092 mm	10' 1"
Charging width	2 300 mm	7' 6"
Charging height	3 800 mm	12' 5"
Apron Feeder		
Wheelbase	5 625 mm	18' 5"
Belt width	1 000 mm	39"
Main Conveyor Belt		
Belt width	1 000 mm	39"
Discharge height	3 205 mm	10' 6"
Crawler Unit		
Track chain width	500 mm	20"
Screenbox and Recirculating Option		
Screenbox single deck	3 000 x 1 500 mm	9'10" x 4'11"
Fines conveyor width	1 200 mm	48"
Recirculating conveyor width	500 mm	20"
Transport dimensions (L x W x H)	15 578 x 3 218 x 3 830 mm	51' 1" x 10' 6" x 12' 6"
Weight	51 000 kg	125 660 lbs

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

Quick Facts

Unit Type	Cone crusher	
Infeed Size	200 mm	8"
Total Weight	47 000 kg	103 617 lbs
Transport Dimensions (L x W x H)	14 600 x 2 870 x 3 830 mm	47' 10" x 9' 5" x 12' 6"
Crushing Capacity	Up to 410 t/h	452 ust/h
Engine Output	328 kW	440 HP

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