

# Atlas Copco Powercrusher

## PC 1000



### Cone crusher

Capacity\* – Up to 220 t/h (242 ust/h)

*Sustainable Productivity*

**Atlas Copco**

# Features and technical information for PC 1000

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:

- Less downtime - to change wear liners, only the top support lid needs to be removed
- Liner change out can be done on site because the unit does not have to sit perfectly level
- Less maintenance - the wedge system is bolted and not kept in place by hydraulic cylinders
- Wedge system never exposed to dust or dirt, seal ring is protected



## Technical data

<b>Cone</b>		
Inlet opening	1 000 mm	39"
CSS range	13 - 50 mm	1/2" - 2"
<b>Feedhopper</b>		
Volume	3.14 m <sup>3</sup>	4.1y <sup>3</sup>
Charging length	2 810 mm	9' 3"
Charging width	1 700 mm	5' 7"
Charging height	2 343 mm	7' 12"
<b>Apron feeder</b>		
Wheelbase	3 700 mm	12' 2"
Belt width	950 mm	37"
<b>Main conveyor belt</b>		
Belt width	1 000 mm	39"
<b>Crawler unit</b>		
Track chain width	380 mm	15"

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

## Quick facts

<b>Unit type</b>	Cone crusher	
<b>Inlet opening</b>	1 000 mm	39"
<b>Total weight</b>	35 500 kg	78 264 lbs
<b>Transport dimensions</b> (L x W x H)	11 980 x 2 510 x 3 380 mm	39' 4" x 8' 3" x 11' 1"
<b>Crushing capacity</b>	Up to 220 t/h	242 ust/h
<b>Engine output</b>	287 kW	385HP

