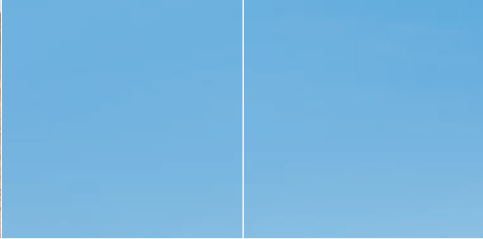
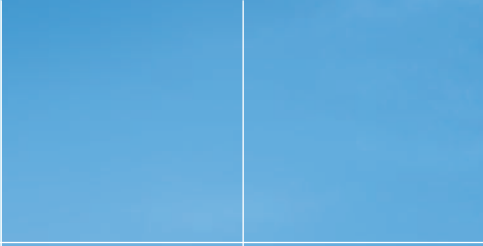


Atlas Copco BC Bucket Crusher  
**Easy on-site crushing.**



*Sustainable Productivity*



# On-site crushing made easy

Atlas Copco bucket crushers are an innovative answer to crushing requirements on today's worksites. Using a rig-mounted bucket crusher, all types of inert demolition material can be crushed and re-used on site. This process requires less mechanical equipment, less transportation and dumpsite cost and only one operator who handles the demolition attachment as well as the bucket crusher.

## EU demands for 70% recycling quota

The EU directive on waste management sets a recycling quota of 70% for construction and demolition waste by year 2020. Targeted recycling machines and equipment turn mechanised recycling into a fast, cost effective and precision process.

## Saves cost

Less transportation or dumpsite cost. Crushed material can be directly re-used on site or sold to third parties.

## For all types of inert material

A bucket crusher can handle all types of inert material such as asphalt, stone and concrete debris as well as mine and quarry material.

## Ideal for urban worksites

The use of a traditional crusher is often hindered by its size. Bucket crushers can be an alternative at urban worksites and in confined spaces.

### LOWER COST OF OWNERSHIP

Robust design and a long service life even under extreme stresses.

### EFFICIENT CRUSHING, BIG VOLUME

Wide aperture bucket with large capacity.

### LONG-LASTING JAWS

Bucket jaws can be inverted. Top and bottom jaws can be exchanged or single jaws can be rotated by 180 degrees to also use the rear part.



### LOW-MAINTENANCE

30 hour greasing interval and only two grease points.

### VERSATILE

Fits to any excavator larger than 12 tonnes.

### CUSTOMIZED OUTPUT

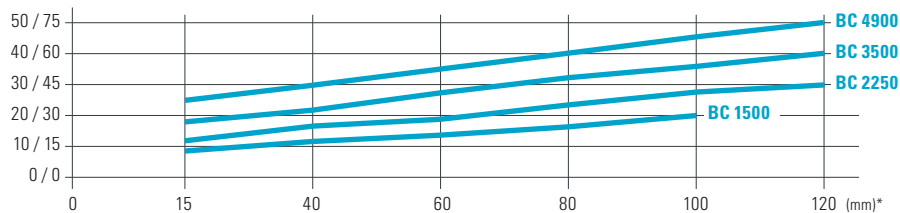
Output size can be easily adjusted from 20-120 mm (BC 1500: 100 mm).

## BUCKET CRUSHERS

		BC 1500	BC 2250	BC 3500	BC 4900
Carrier weight class	t	12 - 25	17 - 34	25 - 34	34 - 60
Service weight	kg	1,500	2,250	3,500	4,900
Oil flow	l/min	120 - 280	150 - 280	180 - 280	220 - 280
Operating pressure min.	bar	230	230	230	230
Dimensions (W x L x H)	cm	105 x 180 x 120	108 x 208 x 125	135 x 215 x 143	165 x 215 x 145
Loading opening (L x H)	mm	600 x 450	700 x 550	900 x 510	1,200 x 510
Loading capacity	m <sup>3</sup>	0.5	0.6	0.8	1
Output adjustment	mm	15 - 100	15 - 120	15 - 120	15 - 120
Part number		3382 0500 00	3382 0500 30	3382 0500 50	3382 0500 80

## PRODUCTION ON MEDIUM TENACITY MATERIAL (UNDER OPTIMAL CONDITIONS)

(m<sup>3</sup>/h / ton/h)\*\*



	m <sup>3</sup> /h	ton/h	m <sup>3</sup> /h	ton/h	m <sup>3</sup> /h	ton/h	m <sup>3</sup> /h	ton/h	m <sup>3</sup> /h	ton/h	m <sup>3</sup> /h	ton/h
<b>BC 4900</b>	<b>25.0</b>	37.45	<b>30.0</b>	45.0	<b>35.0</b>	52.5	<b>40.0</b>	60.0	<b>45.0</b>	67.5	<b>50.0</b>	75.0
<b>BC 3500</b>	<b>18.0</b>	27.0	<b>22.4</b>	33.6	<b>26.8</b>	40.2	<b>31.2</b>	46.8	<b>35.6</b>	53.4	<b>40.0</b>	60.0
<b>BC 2250</b>	<b>12.0</b>	18.0	<b>15.6</b>	23.4	<b>19.2</b>	28.8	<b>22.8</b>	34.2	<b>26.4</b>	39.6	<b>30.0</b>	45.0
<b>BC 1500</b>	<b>9.1</b>	13.65	<b>11.7</b>	17.55	<b>14.4</b>	21.6	<b>17.1</b>	25.65	<b>19.8</b>	29.7	-	-

\*Output opening adjustment in mm. \*\*Values ton/h calculated considering an estimated weight of material 1,5 ton/m<sup>3</sup>. The result may also vary according to carrier condition, operator ability and other factors that the bucket crusher cannot influence.



## **SUSTAINABLE PRODUCTIVITY**

An investment in quality is an investment in sustainability and reliability. Intelligent engineering, top quality materials, first-class components and modern engines with low fuel consumption and emissions, contribute to long lasting machines with high trade-in values. To keep things that way and to maximize your uptime we provide reliable service whenever and wherever you need it. At the end of the day, you get the job done with good results. Atlas Copco's goal is to help you reduce maintenance, increase efficiency and keep life cycle costs down.

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

