

# CB



## CRUSHER BUCKETS

CB 900 | CB 1200 | CB 1500 | CB 2000

The CB crusher buckets for front loading are designed for the volumetric reduction of aggregates directly on site and are ideal for crushing reinforced concrete and demolition materials. The rotor system they are equipped with and the high tooth force generated, allow optimal work with iron, rock, earth and deformable, damp or wet parts. The rotor with teeth is driven by direct-drive, high-displacement radial piston hydraulic motors. An automatic system inverts the rotation of the drum to avoid blockages and machine downtimes.

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**THE TOOLS ENGAGE THE SHAFT** without any welding and are easily replaced directly on site.

**UPON REQUEST, THEY MAY BE FITTED WITH COUNTER-TEETH OF DIFFERENT SIZES FROM STANDARD** to vary the size of the crushed material output.

**BREAKABLE MATERIALS:** masonry, reinforced concrete, bricks, natural aggregates, concrete, tiles, glass and asphalt slabs.

**THE AUTOMATIC DRUM INVERSION SYSTEM** ensures continuous work without any downtime.

**RADIAL PISTON HYDRAULIC MOTORS,** high-displacement, in direct drive with the drum, generate high tooth force. This ensures work is efficient and constant even with rebars inside the reinforced concrete.



### FEARLESS AGAINST IRON REBARS

In the treatment of aggregates, reinforced concrete is one of the most difficult materials to crush. The CB buckets, thanks to the rotor system and the high tooth force, **are fearless against the iron rebars** inside demolition waste.

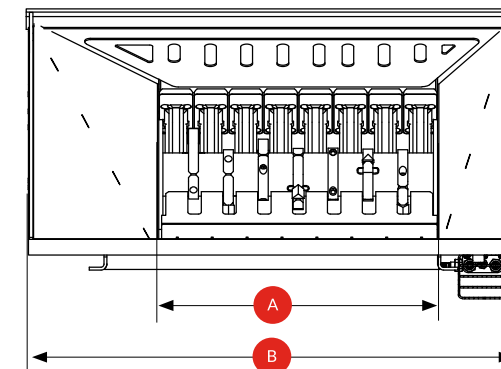
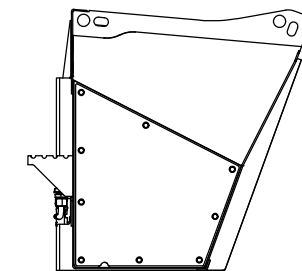


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TECHNICAL DATA		CB 900	CB 1200	CB 1500	CB 2000
Width <b>B</b>	mm inch	1400 55	1500 60	1700 67	1900 75
Bucket capacity (SAE)	m <sup>3</sup> y <sup>3</sup>	0.30 0.40	0.45 0.60	0.55 0.70	0.75 1.0
Rotor width <b>A</b>	mm inch	700 27	840 33	965 38	1100 43
Number of teeth	no.	5	6	7	8
Unladen operating weight	kg lbs	570 1250	760 1670	950 2090	1150 2530
Laden operating weight (1)	kg lbs	900 1980	1200 2640	1500 3300	2000 4400
Required oil flow	l/min gpm	40 - 80 11 - 21	70 - 150 18 - 40	70 - 150 18 - 40	70 - 150 18 - 40
Maximum oil pressure	BAR psi	300 4350	350 5075	350 5075	350 5075



(1) The installer is responsible for ensuring that the equipment meets the prime mover's specifications and weight requirement.

Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.

**CB 1200.** Crushing of demolition waste: bricks and masonry.

**CB 1500.** Crushing of reinforced concrete in aggregate deposit.

**CB 1200.** Crushing of aggregates after demolition of private building.

**CB 1500.** Volumetric reduction of mixed demolition material for reuse on site.

