

# CBE



8 - 40 TON

## CRUSHER BUCKETS

CBE 10 | CBE 20 | CBE 30 | CBE 40

The CBE crusher buckets for excavators 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, soil 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 easy and quick to replace.

**TWO 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.

**UPON REQUEST, THEY MAY BE FITTED WITH TOOLS OF DIFFERENT SIZES** to vary the size of the crushed material output.

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

**AUTOMATIC SYSTEM INVERTS** the rotation of the drum in case of blocking, granting high productivity and avoiding downtimes.





### FEARLESS AGAINST IRON REBARS

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

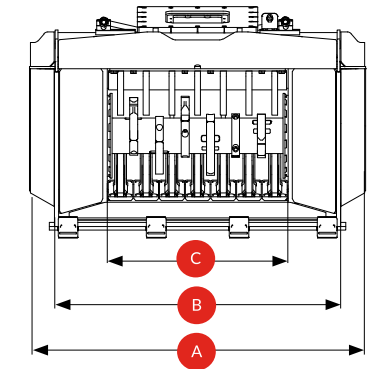
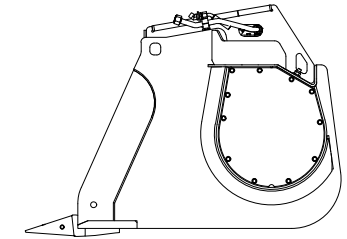


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TECHNICAL DATA		CBE 10	CBE 20	CBE 30	CBE 40
Recommended excavator weight (1) (2)	ton lbs	8 - 13 17500 - 28600	10 - 18 22000 - 40000	16 - 28 35000 - 61600	24 - 40 53000 - 88000
Mouth width	<b>B</b> mm inch	1030 41	1180 46	1410 55	1630 64
Total width	<b>A</b> mm inch	1220 48	1485 58	1700 67	1960 77
Rotor width	<b>C</b> mm inch	725 28	735 29	915 36	1050 41
Bucket capacity (SAE)	m <sup>3</sup> yd <sup>3</sup>	0.40 0.52	0.60 0.78	0.80 1.04	1.00 1.30
Number of teeth	no.	5	5	6	7
Max. cutting force	kN lbf	80 18000	95 21500	125 28000	152 34000
Unladen bucket weight (3)	kg lbs	880 1950	1320 2900	2170 4800	2900 6400
Required oil flow	l/min gpm	80 - 160 21 - 42	100 - 190 26 - 50	150 - 250 40 - 66	200 - 350 53 - 92
Maximum oil pressure	BAR psi	350 5100	350 5100	350 5100	350 5100



(1) The operating load permitted for the excavator, when added to the weight of the standard bucket, must match or exceed the weight of the crusher bucket at full load.

(2) The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement.

(3) Without mounting bracket.

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

