

# CRUSHER BUCKETS

CBE 10  
CBE 20  
CBE 30  
CBE 40  
CBE 50



Designed to **reduce the volume of aggregates** directly on site, CBE crusher buckets with rotor system provide **optimal performance when working with iron, rock, soil and deformable parts**, and wet or humid materials. Ideal for **crushing reinforced concrete and demolition waste**. The exceptional cutting force allows any material to be crushed. The rotor with teeth is activated by high-displacement radial piston hydraulic motors in direct drive.

Automatic system **inverts rotation of the drum in case of blocking** (Simex patent).

Crushable materials: bricks, reinforced concrete, natural aggregates, concrete, tiles, glass and asphalt slabs. **Unaffected by the presence of earth, wet or humid material, or iron rods.**



## ADVANTAGES

- Low noise output
- High cutting force
- High productivity
- Lightweight frame
- No vibrations
- Easy back or front loading
- Simple, quick tool replacement
- Works fast and efficiently
- Anti-wear tools: better protection and longer life



TECHNICAL DATA		CBE 10	CBE 20	CBE 30	CBE 40	CBE 50
Recommended excavator weight (1) (2)	ton lbs	8 - 13 17500 - 28600	10 - 18 22000 - 5500	16 - 28 35000 - 61600	24 - 40 53000 - 88000	38 - 55 84000 - 121000
Mouth width	mm inch	1030 41	1180 46	1410 55	1630 64	2200 87
Total width	mm inch	1220 48	1485 58	1700 67	1960 77	2440 96
Rotor width	mm inch	725 28	735 29	915 36	1050 41	1290 51
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	1,80 2,35
Number of teeth	n°	5	5	6	7	10
Max. cutting force	kN lbf	80 18000	95 21500	125 28000	152 34000	190 42700
Bucket weight empty (3)	kg lbs	880 1950	1320 2900	2170 4800	2900 6400	4640 10200
Required oil flow	l/min gpm	80 - 160 21 - 42	100 - 190 26 - 50	150 - 250 40 - 66	200 - 350 53 - 92	300 - 550 79 - 145
Max. required oil pressure	BAR psi	350 5100	350 5100	350 5100	350 5100	350 5100

1) The maximum 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) User is responsible for ensuring that the equipment meets the excavator's specifications and weight requirements.  
 (3) Without mounting bracket.

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

- Utilities
- Quarries and mines
- Demolition
- Port and underwater works
- Construction and building
- Infrastructure
- Tunneling
- Agriculture and forestry
- Recycling
- Roadworks
- Trenching
- Mini-excavator
- Excavator
- Skid steer loader
- Front loader
- Backhoe