CBE

CRUSHER BUCKETS

PATENT SIMEX

For reducing the volume of aggregates.





- Designed to **reduce the volume of aggregates** directly on site.

- **Rotor system enables ideal performance in the presence of iron, rock, earth, deformable parts or wet or humid material.**
Excellent for crushing reinforced concrete and demolition waste.

- **Lightweight structure won't transmit vibrations to the prime mover or operator.**

- **Low noise output.**

- **Easy loading.**
Wide mouth, shaped as standard bucket.
Can operate with back or front loading.



Front loading

TECHNICAL SPECIFICATIONS

	CBE 10	CBE 20	CBE 30	CBE 40	CBE 50	
Recommended excavator weight(1)(2)	8 - 12	10 - 18	16 - 25	24 - 40	38 - 55	ton
Mouth width	1050	1250	1500	1710	2200	mm
Total width	1250	1485	1700	1960	2440	mm
Rotor width	720	735	915	960	1290	mm
Bucket capacity (SAE)	0,40	0,60	0,80	1,00	1,80	m^3
Number of teeth	5	5	6	7	10	n°
Max. cutting force	80	95	125	152	190	kN
Bucket weight empty (3)	880	1320	2170	2900	4640	kg
Required oil flow	80 - 160	100 - 190	150 - 250	200 - 350	300 - 550	l/min
Required oil pressure	350 - 230	350 - 230	350 - 230	350 - 230	350 - 230	BAR

(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

- **Exceptional cutting force enables crushing of any material** thanks to rotor system with teeth driven by hydraulic piston motors in direct drive.

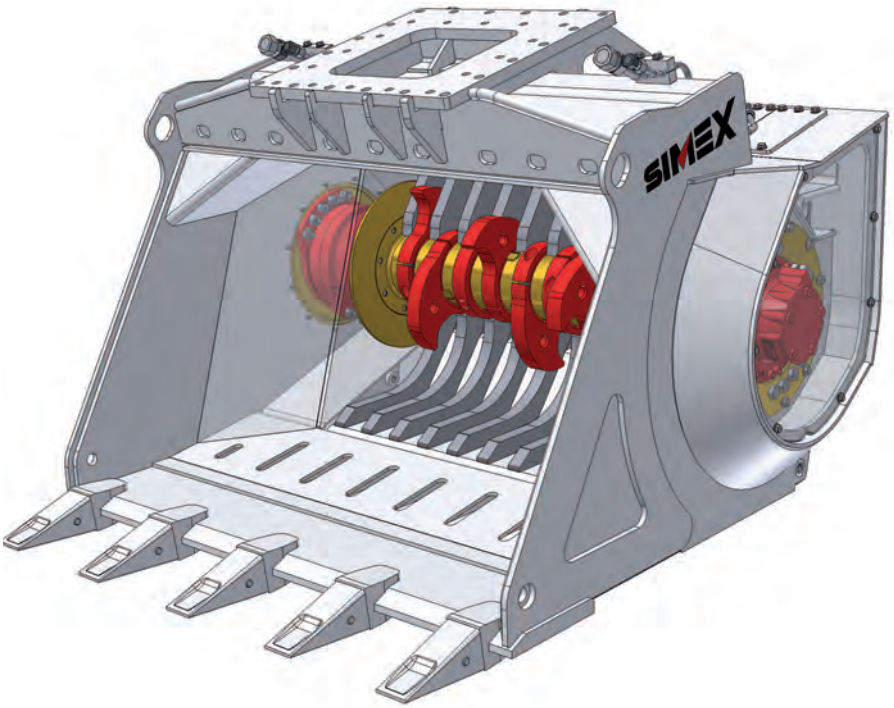
- **Operating speed and efficiency** thanks to drum design and wide mouth.

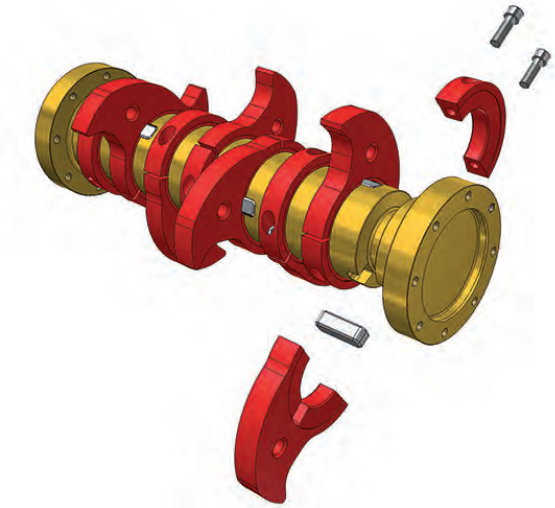
- **Down time on the site is eliminated** thanks to valve permitting continuous rotor rotation without operator intervention.

- **Increased protection and working life** thanks to teeth with large anti-wear surface.

- **Crushable materials:** bricks, reinforced concrete, natural aggregates, concrete, glass, tiles and asphalt slabs. Not affected by the presence of earth, wet or humid material, or iron rods.

- **Simple, quick teeth replacement.**













Size of crushed material

mm	CBE 10	CBE 20	CBE 30	CBE 40	CBE 50
0-40	■				
0-50	■	■	■		
0-60	○	■	■	■	
0-70	■	○	○	○	
0-80	■	■	■	■	○
0-100		■	■	■	■
0-120		■	■	■	■
0-130				■	■

○ Standard ■ On request



CBE production table (in optimum working conditions)

