

**MATERIAL TO BE CRUSHED**



**CBE 30 ROTOR ENTRANCE**



**CRUSHED MATERIAL**



**MATERIALS THAT CAN BE CRUSHED**

- Rubble
- Bricks
- Concrete
- Glass
- Reinforced concrete
- Natural inerts
- Tiles
- Asphalt slabs

**SPOIL PIECES DIMENSION**

mm	CBE 10	CBE 20	CBE 30	CBE 40	CBE 50
0-30	●				
0-40	●	●			
0-50	●	●	●	●	
0-70	●	●	●	●	●
0-100	●	●	●	●	●
0-130			●	●	●

**OUTPUT PER HOUR**

	Maximum production	Medium production	
CBE 10	22	12	mc
CBE 20	35	20	mc
CBE 30	42	28	mc
CBE 40	50	35	mc
CBE 50	70	45	mc

Production performance in normal conditions.

**SPECIFICATIONS**

	CBE 10	CBE 20	CBE 30	CBE 40	CBE 50	
Widtht	1250	1400	1640	1860	2440	mm
Bucket capacity (SAE)	0,40	0,60	0,82	1,05	1,80	m <sup>3</sup>
Bucket weight (empty) (1)	850	1300	2200	2800	4500	kg
Rotor width	550	630	750	970	1290	mm
Number of teeth	5	5	6	8	10	n°
Excavator weight (2) (3)	8 - 12	10 - 18	16 - 30	24 - 35	35 - 50	ton
Oil flow	80 - 190	100 - 230	200 - 400	200 - 400	350 - 550	l/min
Oil pressure	350 - 230	350 - 230	350 - 230	350 - 230	350 - 230	BAR
Max. cutting force.	88 - 56	102 - 62	152 - 92	152 - 92	190 - 122	KN

- (1) Without mounting bracket.  
 (2) The maximum operating load permitted for the prime mover, when added to the weight of the standard bucket, must match or exceed the weight of the crusher bucket at full load.  
 (3) The user is responsible for checking that the prime mover meets the equipment's specifications and weight requirements.

Materials and specifications liable to change without prior warning. The equipment illustrated can be fitted with further equipment and accessories available on request only. - SIMEXPATENT

**CRUSHER BUCKETS**

CBE 10 - 20 - 30 - 40 - 50



✓ FOR BACKHOE MOUNTING



**WE DESIGN**  
CUSTOMER SATISFACTION.



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# Simex Crusher Buckets for excavator arm allow exceptional performance thanks to their patented technology.

## DESIGNED TO BE FITTED ON EXCAVATOR ARM.

They can work operating both in the front and back position.

## EASY TO USE.

Sturdy but lightweight structure for a perfect matching with the prime mover. Wide capacity for an easy loading. Shaped like a standard bucket for a better functionality.

## SAFETY FIRST.

Rotor spins continuously. No vibration transmitted to the operator or the prime mover. Low noise level.

## LIGHT

The crusher bucket Simex CBE can also be fitted in frontal position thanks to its light structure.



## CRUSHED MATERIAL CAN BE USED ON SITE

Thanks to its compact dimensions, the Crusher Bucket Simex CBE enter and operates easily even in narrow and small sites.



## ECONOMICAL ADVANTAGES

Once the material has been crushed can be reused directly on site.



## WIDE RANGE

Thanks to the five models of the range the crusher bucket Simex CBE can be fitted on excavators from 8 to 50 tonnes.

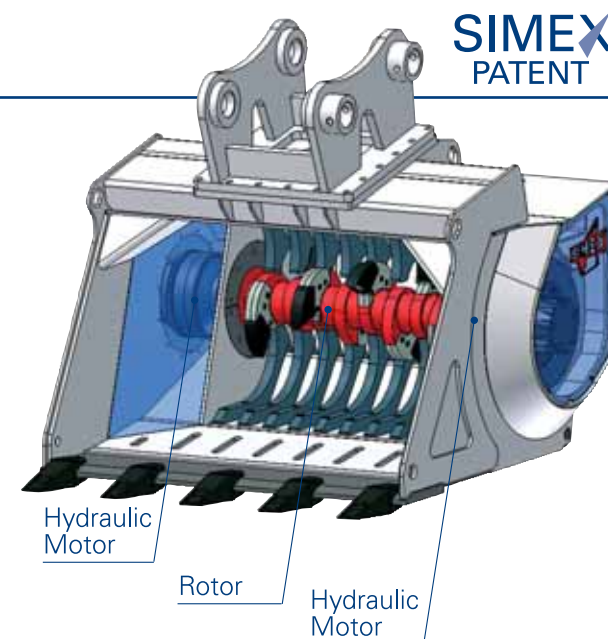


## CRUSHING BY THE ROTOR

Rotor with teeth powered by 2 direct drive hydraulic motors.

## ADVANTAGES

- The huge tooth force **can crush every kind of material.**
- **Replaceable blades** to get through different spoil sizes.
- A scraper **prevents re-bar getting stuck around the rotor.**
- The system **works efficiently even with mud, humid or wet material.**



## IRON IS NOT AN ENEMY

The rotor system can crush without problem the rebars.



## NO PROBLEM

The presence of wet or humid materials, mud, wood, plastic and deformable materials in general does not create any kind of obstacle.



## STRONG AND STEADY

It works with no problems also in presence of rock and other excavated materials.



## UNSTOPPABLE

Effective job also in presence of asphalt slabs, kerbs, concrete bars, poles, tiles, glass.



## REPLACEABLE TEETH

New concept to fix the tooth to the rotor.

## ADVANTAGES

- Teeth with large anti-wearing surface for a **greater protection and longer life.**
- **Teeth holders can be replaced** (CBE30, CBE40, CBE50).
- **Teeth easy and quick to replace.**

