



RANGE
CBE

CRUSHER BUCKETS

CBE 10

CBE 20

CBE 30

CBE 40

CBE 50

- 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

CRUSHER BUCKETS

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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.**

SIMEX
• patent •

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) | m³ yd³ | 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

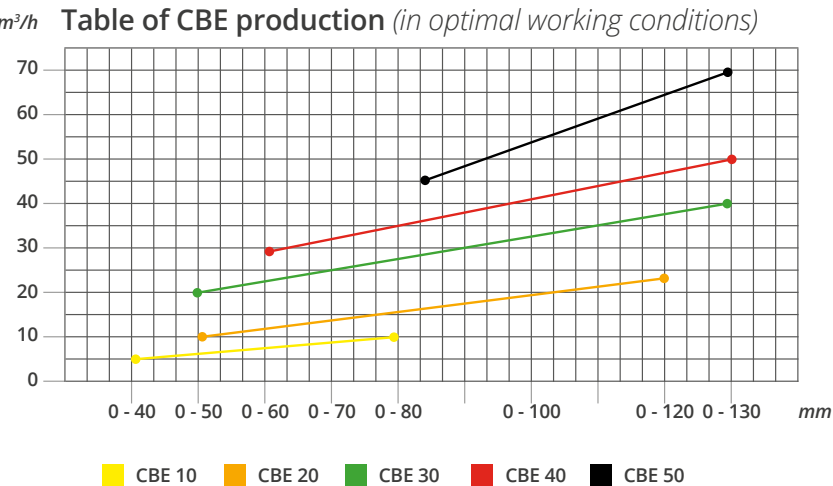
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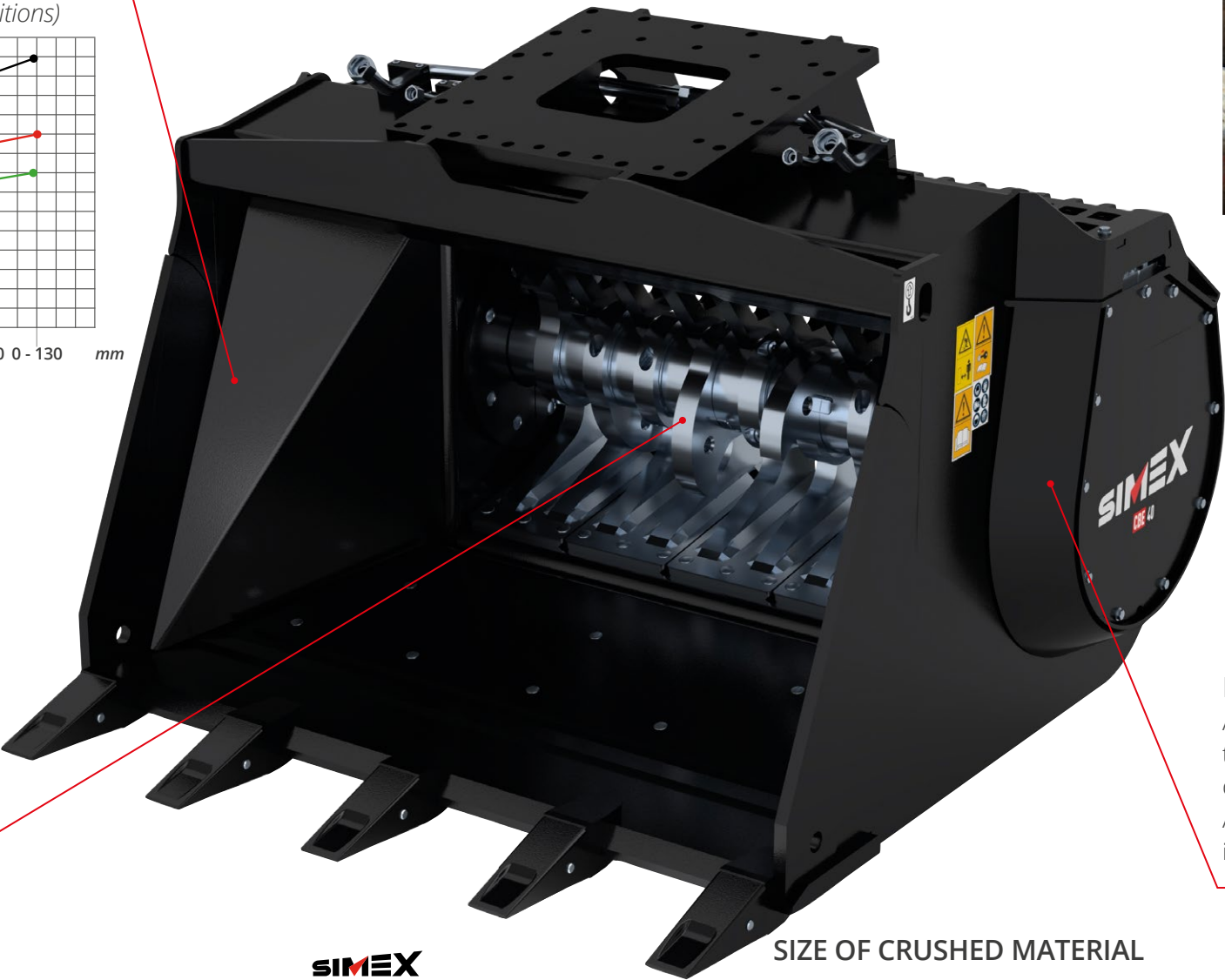
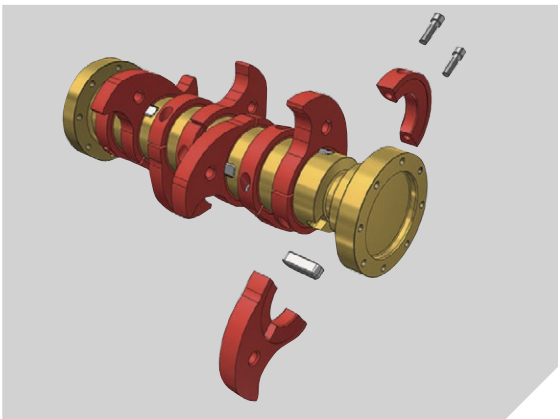
EASY LOADING

Works fast and efficiently thanks to the drum design and large mouth shaped as a standard bucket.
Can operate with back or front loading.



BETTER PROTECTION AND LONGER LIFE

Thanks to tools with anti-wear surface.
Simple, quick tool replacement.



UNAFFECTED

by the presence of iron rods, soil, humid or wet material.

Crushable materials: bricks, reinforced concrete, natural aggregates, concrete, tiles, glass and asphalt slabs.



EXCEPTIONAL CUTTING FORCE

Allows crushing of any material thanks to rotor activated by hydraulic piston motors in direct drive.
Automatic system inverts drum rotation in case of blocking.

SIZE OF CRUSHED MATERIAL

| mm | inch | CBE 20 | CBE 30 | CBE 40 | CBE 50 |
|---------|---------|--------|--------|--------|--------|
| 0 - 40 | 0 - 1,6 | | | | |
| 0 - 50 | 0 - 2,0 | ■ | ■ | | |
| 0 - 60 | 0 - 2,4 | ■ | ■ | ■ | |
| 0 - 70 | 0 - 2,8 | ○ | ○ | ○ | |
| 0 - 80 | 0 - 3,2 | ■ | ■ | ■ | ○ |
| 0 - 100 | 0 - 4,0 | ■ | ■ | ■ | ■ |
| 0 - 120 | 0 - 4,7 | ■ | ■ | ■ | ■ |
| 0 - 130 | 0 - 5,1 | | | ■ | ■ |

■ Standard
○ On request