

CBA



DOWNLOAD
THE BROCHURE



WATCH THE
VIDEO

SIMEX
• patented •

ASPHALT GRANULATOR BUCKETS

category

12 - 40 TON



Exc.

models

CBA 20 | CBA 30 | CBA 40



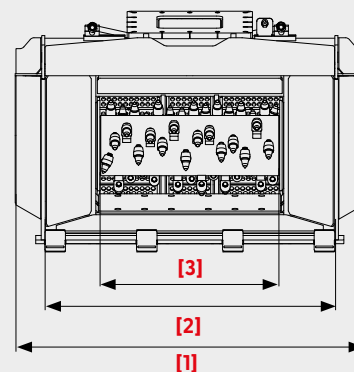
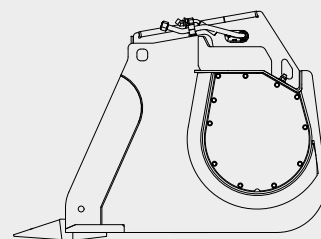
The CBA asphalt granulator buckets are specially designed for the **volumetric reduction of asphalt slabs or other aggregates directly on site**. The cylindrical drum consists of interchangeable teeth, and is driven by direct-drive, high-displacement radial piston hydraulic motors.

The back-grille determines the size of the spoil piece and is available in different setups. The result is a reclaimed asphalt pavement (RAP) with a certifiable and measurable particle size.



With CBA buckets, it is possible to reduce and crush even bricks and concrete to a controlled particle size

- A** **CYLINDRICAL DRUM** with asymmetric teeth distribution (Simex patented)
- B** **AUTOMATIC SYSTEM INVERTS** the rotation of the drum in case of blocking, granting high productivity and avoiding downtimes.
- C** **TWO RADIAL PISTON HYDRAULIC MOTORS**, high-displacement, in direct drive with the drum, generate high tooth force.



RECOVERY OF ASPHALT MILLING

The CBA asphalt granulator bucket is specialized in the recovery of milled asphalt material, classified in national regulations as bituminous conglomerate granulate (otherwise known as RAP, Reclaimed Asphalt Pavement), and has the dual advantage of combining reduced construction site costs, supply of new raw materials, and possibility of reintroducing the milled material into the production cycle of new asphalt.

The back-grille determines the size of the spoil piece and is available in different setups.



TECHNICAL DATA		CBA 20	CBA 30	CBA 40
Recommended excavator weight (*)(**)	ton	12-18	18 - 28	25 - 40
	lbs	26400 - 40000	40000 - 62000	55000 - 88000
Total width [1]	mm	1485	1700	1960
	inch	58	67	77
Mouth width [2]	mm	1180	1410	1630
	inch	47	55	64
Drum width [3]	mm	735	915	1050
	inch	29	36	41
Back-grille diameter	mm	25 - 30 - 35 - 40	25 - 30 - 35 - 40	25 - 30 - 35 - 40
	inch	1 - 1.2 - 1.4 - 1.6	1 - 1.2 - 1.4 - 1.6	1 - 1.2 - 1.4 - 1.6
Bucket capacity (SAE)	m ³	0.6	0.8	1
	yd ³	0.78	1.05	1.3
Unladen bucket weight (***)	kg	1320	2170	2900
	lbs	2900	4775	6400
Required oil flow	l/min	100 - 190	150 - 250	200 - 350
	gpm	26 - 50	40 - 66	53 - 93
Maximum oil pressure	BAR	350	350	350
	psi	5100	5100	5100

* 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. ** The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement. *** Without mounting bracket. Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.