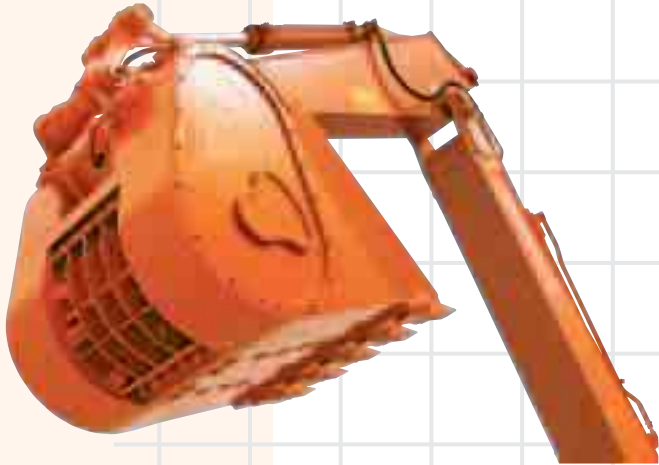


Crusher Bucket

Multiple operations: scooping-up, crushing and loading

- Crushing cobbles down to 20 mm under, with replaceable screen.
- Crushing natural stones such as cobble.



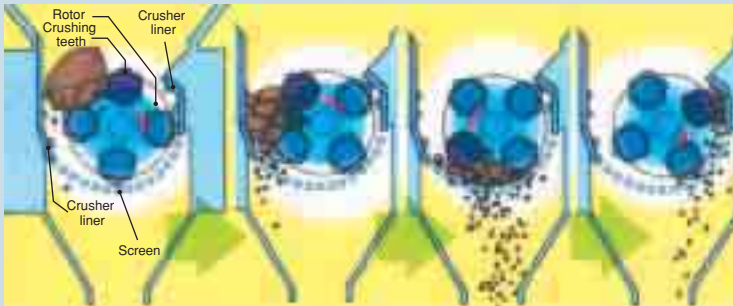
Specifications

Model	ZAXIS200LC
Bucket model No.	HKB200
Bucket weight kg	2 600
Bucket capacity (PCSA heaped) m ³	0.5
Bucket opening dimension mm	1 200×1 100
Crushing opening dimension mm	540×500
Rotational speed min ⁻¹ (rpm)	10 (10)
Crushing torque N·m (kgf·m)	52 000 (5 300)
Capacity t/h (Varies with crushing conditions)	4 cobble 4, 10 granite, 10 concrete waste
Crushing method	1-shaft rotary type (using 4 crushing rollers)
Materials crushed	Cobble, granite, concrete, etc.

Notes:

1. Data is expressed in SI units, followed by reference data in conventional units in ().
2. Exclusive piping for attachment, and additional counterweight are required.

Principle of Crushing



- The rotor, on which four crushing wheels with projections are mounted, rotates at a low speed to crush materials in between crushing wheels and chamber liners with projections.
- Crushed materials are fed along the sloped wall of the crushing chamber, and delivered through the bottom screen as products.
- Large grain of materials incapable of passing through the mesh filter are fed up again, mixed with dumped lump, and fed for crushing. These materials are further grained among particles of materials.
- Four crushing wheels rotate to crush materials with its deformed projections. More specifically, materials can be crushed by compressive forces in different directions with less crushing force. This reduces partial wear of crushing wheels.