

Technical features.

Tank

- Carbon steel or stainless steel tank with high corrosion resistance and interchangeable reinforcements in points subject to high abrasion.
- Tipping with dual-action hydraulic cylinders.
- $\pm 120^\circ$ rotation from vehicle axle.
- Rear base hinged at the top with hydraulic opening and fitted with a special neoprene gasket for maximum sealing power.
- 8" pneumatic exhaust valve

Suction plant

- High capacity lobe pump mechanically controlled by belts, pulleys and pneumatic friction clutch
- Special suction system for all positions, even when the tank is rotated
- Innovative soundproofing
- Automatic temperature control for continuous work
- Electronic control of dust and liquid level in tank
- Large stainless steel protective filter

Filtering unit

- Carbon steel or stainless steel filter compartment featuring a programmable self-cleaning system and innovative design
- 60 m² filtering surface
- Hydraulically operated lid

Hydraulic arm

- Features four high precision hydraulic movements controlled by a joystick
- Interchangeable pipe from $\varnothing 150$ to $\varnothing 300$ mm
- Works on all three sides of the vehicle
- 300° range around the vehicle
- High stress resistance during operation
- Reaches two metres deep into the ground without extensions
- Connections for electrical, pneumatic and oil hydraulic attachments

Off-load

- Special tipping system over standard mobile skips which can be positioned on all 3 sides and filled up completely without moving the vehicle
- Dumping from a height of over 2 metres
- The arm stays in position during dumping

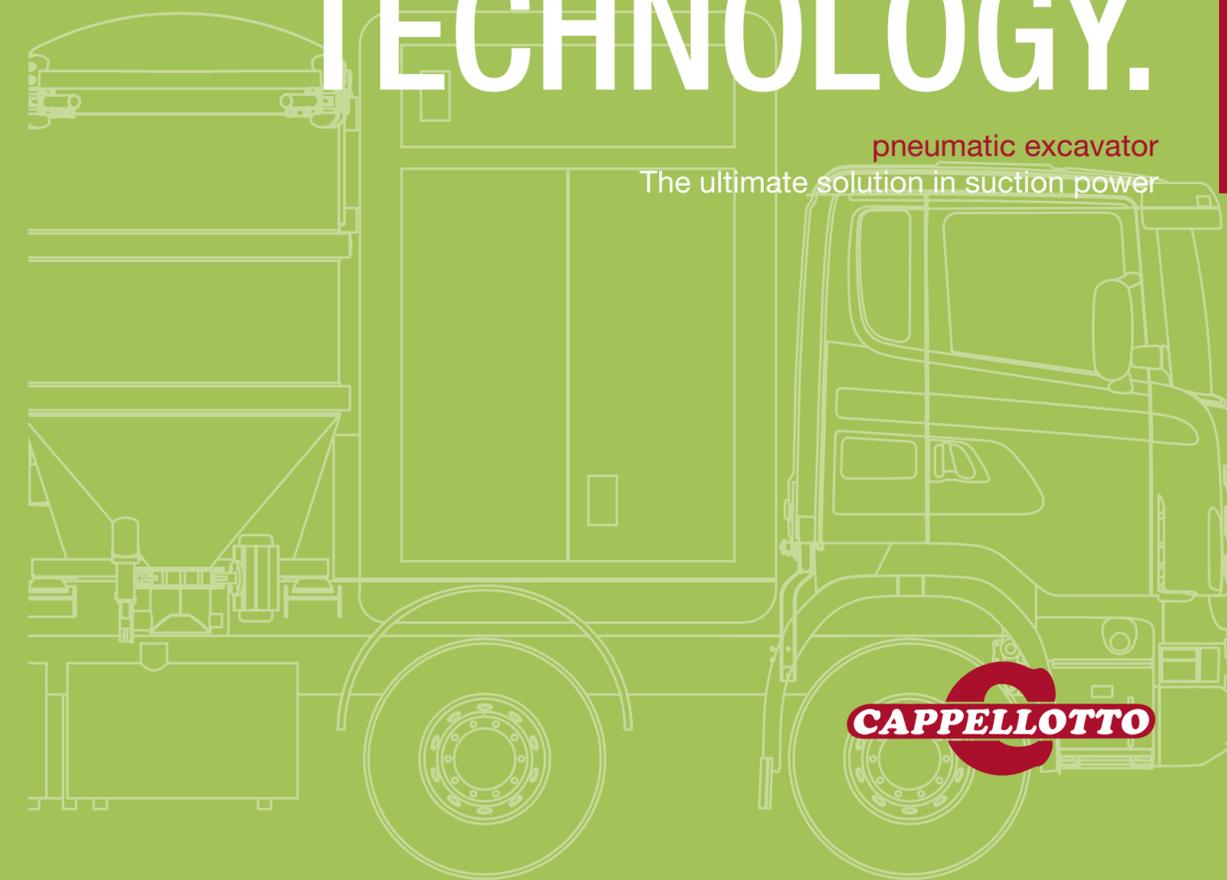


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CAPGEO. A REVOLUTION IN EXCAVATION TECHNOLOGY.

pneumatic excavator
The ultimate solution in suction power





A revolution in excavation technology.

CAP GEO is a groundbreaking product noteworthy for its incredible performance, power and versatility of employ. As a more advanced version of suction machines for dust clearing, it is especially designed for excavating heavy materials in places that result inaccessible for traditional mechanical systems.

CAP GEO is equipped with a high performance lobe-type pump with 65% vacuum and a maximum air capacity of 17,000 m³/h. It features a self-cleaning protective sleeve filter that enhances its performance.

The innovative and internationally patented tank tipping system rotates on three sides of the vehicle and off-loads from a height of over two metres to fill up mobile skips.

The rotary hydraulic arm is as powerful as an excavator. It is easy to operate and can be fitted with an incredible variety of attachments to improve its performance in any situation.



The ultimate solution in suction power for excavating and clearing heavy materials in the most inaccessible places.