

DUPLOCON™ CEMENT

Airless Cement Flow System



AIRLESS INNOVATIVE CEMENT EXTRACTION SYSTEM

DUPLOCON™ is a mechanical system for the extraction of cement from silos in concrete mixing plants, specially designed to maximise the efficiency of the loading augers and reduce the concrete mixer loading time.

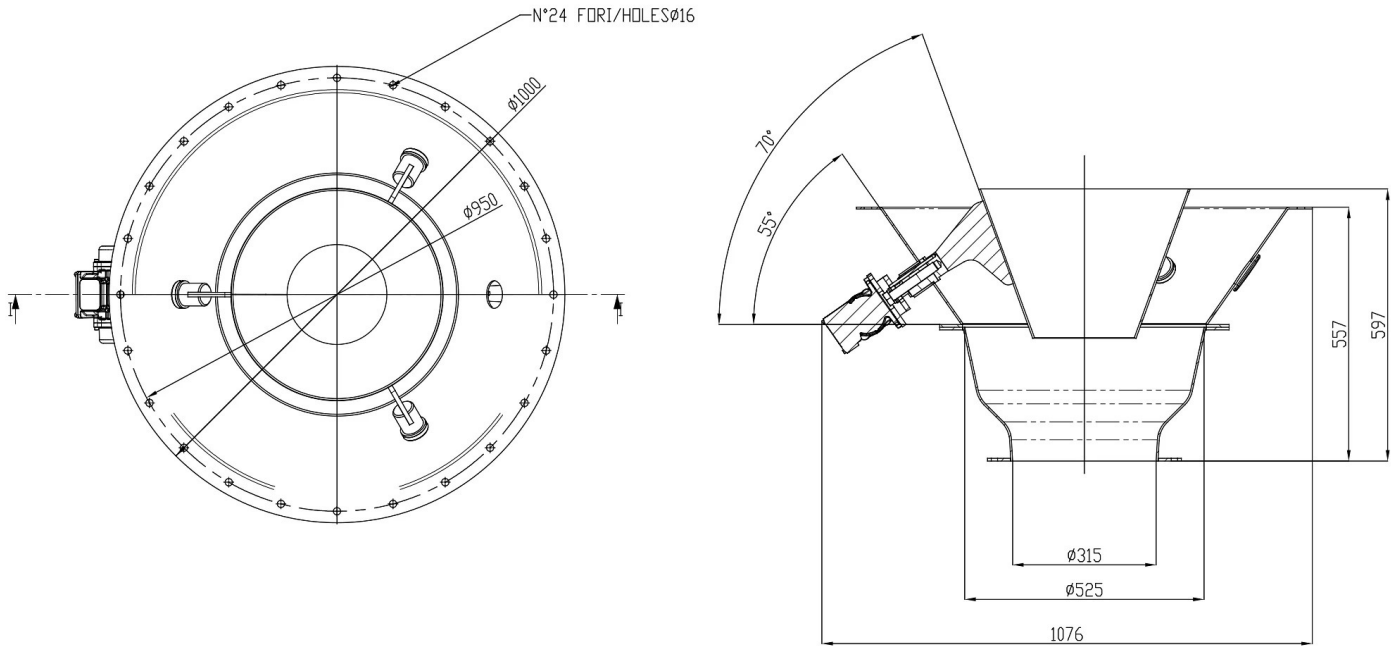
Thanks to its internal design, DUPLOCON™ guarantees the flow of a de-aerated product in a homogeneous manner, regardless of the silo filling level. It also avoids bridging and ratholing inside the silo.

DUPLOCON™ also requires no compressed air to minimise operating costs and requires no periodic maintenance, unlike conventional fluidification systems.

DUPLOCON™ has a lower height than conventional silo hoppers, the increased distance between the discharge opening and the ground facilitates installation below and allows the silo itself to be lowered



Overall Dimensions



Benefits



Constant extraction performance over time regardless of silo filling



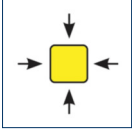
Energy saving: avoids wasting energy for powering compressed air fluidisation systems



Improves the flow performance of the downstream conveyor



Minimizes maintenance costs



Reduces concrete plant overall dimensions



Reduces operating costs (Compressed Air + Labour)



Technical support and worldwide availability of spare parts thanks to WAMGROUP subsidiary network

Technical Features

- Material: Carbon Steel RAL 7001
- Dumpers in rubber material
- Seamless cones
- Electrically operated device that works without requiring compressed air
- Mass flow extraction avoiding segregation



1 Vibrating system

2 Internal conveyor cone

3 Motovibrator

4 Mixing cone

Application



Industries



Concrete Batching Plants



Precast



Drymix Processing

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