

Efficient, Contamination-Free
Material Transfer with

Pneumatic Conveyance

A Vacuum-Powered Solution



What is it?

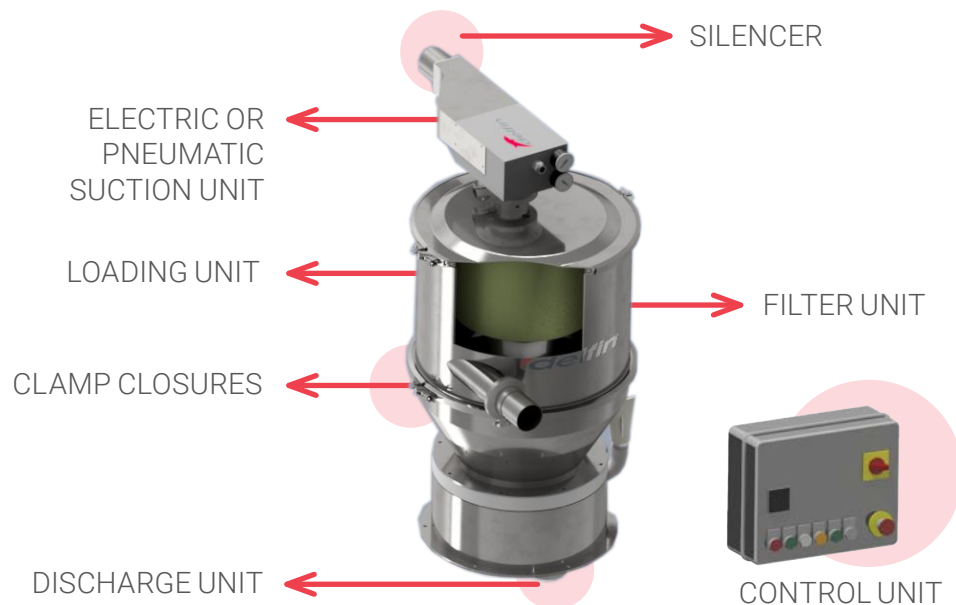


A pneumatic conveyor is a system preferred for moving solid food materials, powders, and grains from one point to another, exclusively by means of vacuum power. The system is entirely closed, preventing any risk of contamination due to product dispersion during transport.

How does it work?



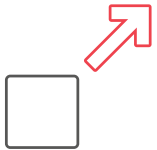
When the suction unit is engaged, a vacuum is generated. The vacuum moves the dust, grain, and other solid materials from the suction unit and into the loading unit. From the loading unit, the filter unit helps separate air and material which is then discharged out the bottom of the unit.



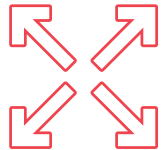


Applications

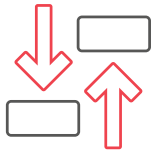
Pneumatic conveyors can be used across several industrial fields to move solid food materials, powders, and grains safely and efficiently.



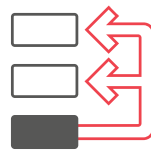
HANDLING



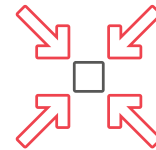
SEPARATION



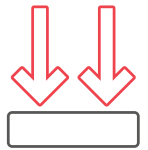
LOAD/DISCHARGE



DISTRIBUTION



BLENDING



DOSAGE

Advantages & Benefits

- ✓ Low initial economic investment
- ✓ Easy installation
- ✓ Low-wear, no maintenance required
- ✓ Improved security of working environment
- ✓ Easy to use and sanitize
- ✓ No alteration or contamination of the product
- ✓ No encumbrance inside departments
- ✓ Improvement of environmental healthiness
- ✓ Use in potentially explosive atmospheres



MULTIHEAD
WEIGHER LOAD



DOSING
MACHINE LOAD



MIXER LOAD
& UNLOAD

Pick-Up



NOZZLE
PICK-UP



AUTOMATIC
PICK-UP AFTER
DOSING



PICK-UP FROM A
MANUALLY FILLED
UP HOPPER

Discharge & Filling



LOAD OR
DISCHARGE OF
CONTAINERS,
BINS, & SILOS



AUTOMATED
MACHINE LOAD
dicers, roasters, blending
machines, vibrating sieves,
packaging lines



SEMI-AUTOMATIC
MACHINE LOAD
dosers, vibrating or
auger feeders, envelope
machines