

DENSE PHASE PNEUMATIC CONVEYING



RECEIVING VALVES



BOOSTER



PNEUMATIC PANELS



ANTI-WEAR ELBOWS



DIVERTER



AVAILABLE IN VERSIONS:

- > STAINLESS STEEL AISI 304 OR 316
- > STEEL CARBON
- > FOOD GRADE
- > ATEX
- > HIGH TEMPERATURE



ELECTRIC BOARDS

TECHNOLOGY

DENSE PHASE PNEUMATIC CONVEYING

In dense phase pneumatic conveying systems, the material flows at low speed and high pressure to its destination. Arranged in the form of plugs, the material is pushed into a closed pipeline along vertical or horizontal sections using compressed air or inert gas. This technology makes it possible to transport fragile, abrasive materials or blends over long distances and with large flow rates, preserving product integrity and minimising pipe wear.

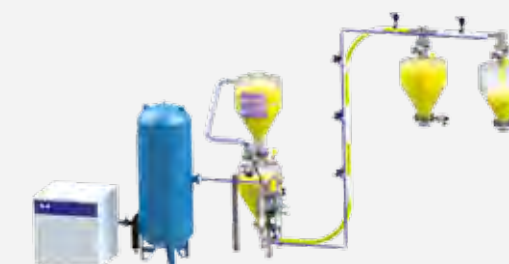
TOTAL CLEANING

With the Total Cleaning system, the pipeline is emptied after each launch and an air wash cycle completely cleans the line of all solid residue.



FULL PIPELINE

With the Full Pipeline system, the pipeline is kept full of product and conveying speeds are lower than with the Total Cleaning system. This technology is particularly suitable for the handling of delicate or abrasive products and makes it possible to reach the most distant destinations.



FULL PIPELINE CONTINUOUS

The full pipeline continuous system uses two or more transporters in parallel working alternately on the same pipe line to ensure a continuous flow of product. This technology is applied to the highest flow rates and the longest paths.



PRODUCT LINES

BART™ CONVEYOR

Bart line conveyors are used in a large number of applications. Thanks to their small size and operating pressure, always below 2 bar, they do not fall into the category of pressure vessels.



BART-ONE™ CONVEYOR

Bart-one conveyors offer a range of tank capacities from 80 to 900 litres. Robust, versatile and suitable for all types of material, they represent the cheaper line of Air Tec System production.



TPA™ CONVEYOR

Conveyors in the TPA line offer a range of tanks with capacities up to 4500 litres. Robust and versatile, they can be configured to transport any type of material, representing the top of the range of Air Tec System production.

