

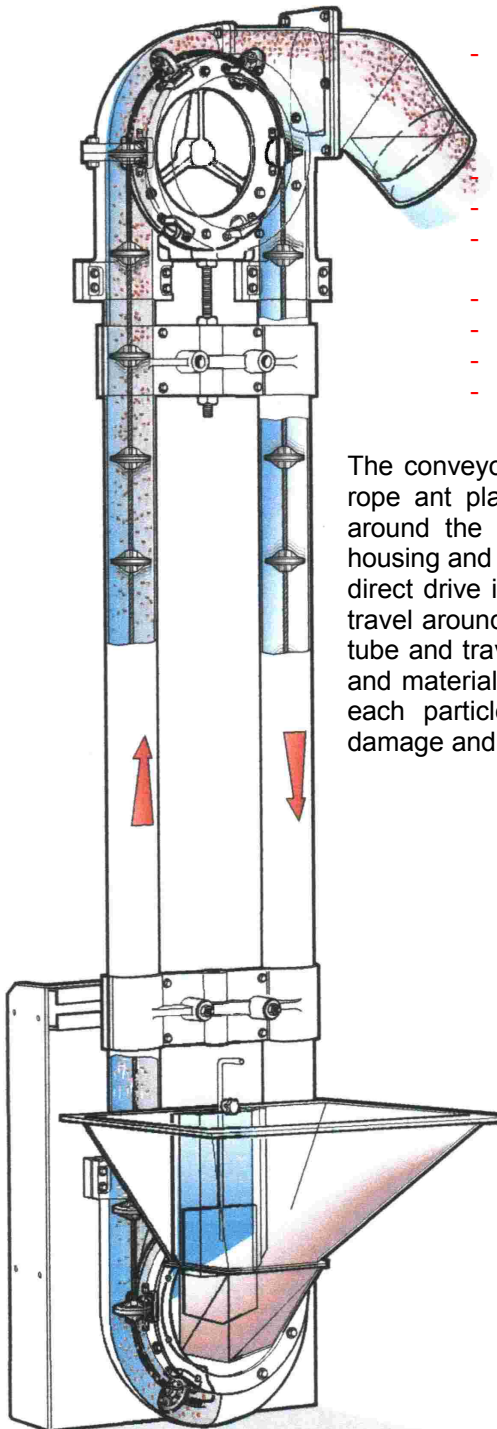
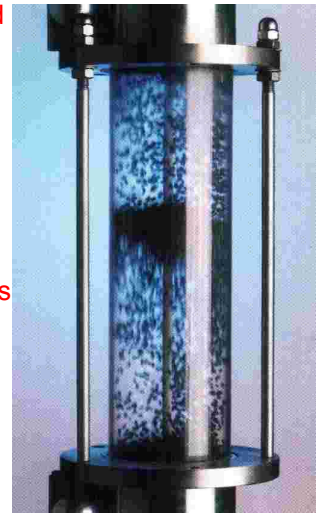
AEROMECHANICAL CONVEYORS (type rope with discs) For Food Industry

Advantages :

- Ideal for conveying most types of powders, granules, and flakes material able to convey products with particle size from 5 μ to 20mm and bulk density from 20kg/m³ to 4000 kg/m³
- Rational installation, adaptable to the available space
- Very low power consumption 2,2kW
- Gentle action ensures minimal product degradation, no separation of multi density-particle size product
- No air production – no filter, dust free operation
- Possibility of conveying wet, sticky and cohesive products
- Minimum of maintenance
- Atex zone possibility

Working principle :

The conveyor consists of two or more terminal sprockets and a wire rope and plastic disc assembly, joined to create a continuous loop around the sprockets. Each sprocket is positioned in a dust tight housing and is connected by tubes in which the rope assembly runs. A direct drive is applied to one sprocket, causing the rope assembly to travel around the circuit. The plastic conveying discs are a loose fit in tube and travel at a linear speed of between 4-5m/s creating both air and material displacement thus fluidising the material by surrounding each particle with air, resulting in high throughput with minimal damage and particle separation.



| Type | CAD Ø 76 mm | CAD Ø 100 mm |
|------------|----------------------|----------------------|
| Throughput | 15 m ³ /h | 30 m ³ /h |

Possible configurations :
Vertical, horizontal or by inclination
Lengths : from 3m to 25m per unit



Tea, spices, tobacco powders,...



Wheat, corn, lentils, semolina, chickpeas, rice, milk powder, starch, ...

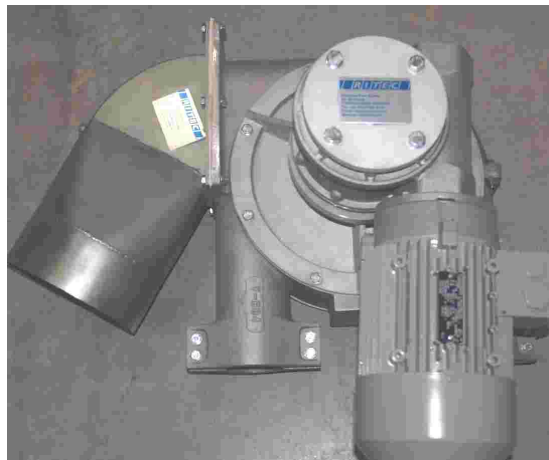
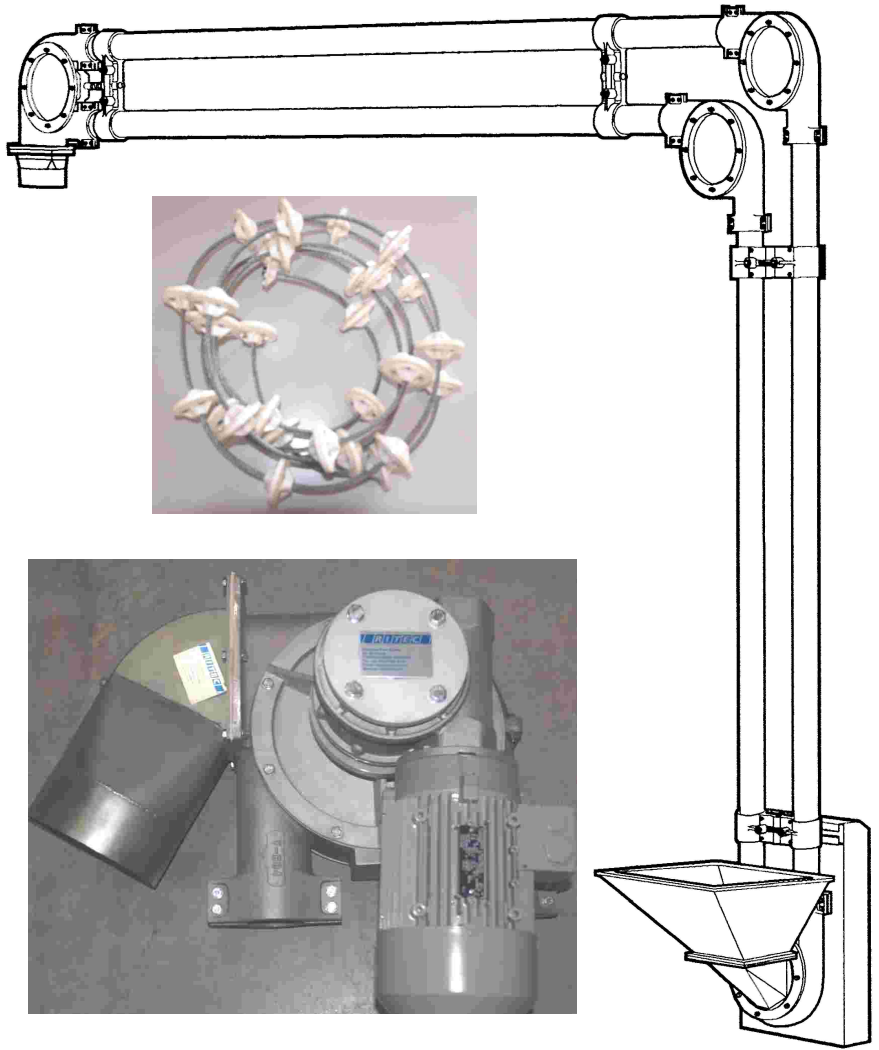


Sugar, salt, cereals, biscuits, baby food, ...



Coffee : beans, granules, powders

AEROMECHANICAL CONVEYORS (type rope with discs)



Cocoa : beans, powders, ...
Nuts

Coffee : beans, granules, powders, ...

Soups, stock cubes, sauces, potato flakes,
lyophilised drinks, ...

Test facilities at our test center



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