

Aero Conveyor

Ex AVAILABLE CUSTOM MADE

Aero Conveyor

Capacity: 1 to 40 m³/h.
Elevation: up to 10 m.
Conveying length: up to 50 m.

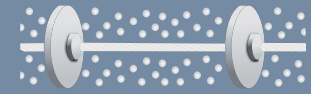
CONVEYING OF BULK MATERIALS REQUIRING FLEXIBILITY OF IMPLEMENTATION

The conveyor is tightly designed through the integration of tubes and angle gears. The disks, manufactured in synthetic material, are mounted at regular intervals along the chain or the cable. The engine and a driving wheel indexing disks rotate the chain or the cable. This robust design enables the conveying of a wide variety of products, whether heavy or sticky; as well, discs ensure the self-cleaning of the system.

Equipment TEST CENTER Available

INLETS/OUTLETS

The inlet of the material is located at the angle gear pulleys or directly on the conveying tube. The inlets can be multiple. The outlets for the material are located at the the pulleys or directly on the tube with valves that are specific to the system.



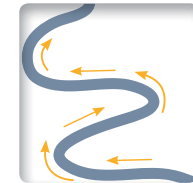
Self-cleaning disk system



Compliance with crumbly and fragile goods



Conveying of materials with heterogeneous density and particle size



Flexibility of implementation

Advantages



Notched angle gears wheel for discs indexing and setting in motion of the cable



Oily and sticky products are perfectly compatible with this type of equipment. Low speeds, combined with the immobilization of materials between the disks, are a major benefit for reducing the attrition of fragile products.



Chain or cable driving (alternative with direct gear motor)



PALAMATIC PROCESS INSTALLATION FOR CATALYSTS SAMPLING

2 aero conveyors ensure the loading of a sifter (scraping disks manufactured in food grade nylon)
Maximum rate: around 5m³/h. - Vertical conveying length: 3 m. - Buffer hopper capacity: 300 litres

CAPACITIES AND SPEEDS

Tube Ø in mm	Capacity in m ³ /h.	Disk movement speed in m./s.
88.9	0.5	0.02
114.3	to	to
139.7	to	to
168.3	40	0.45
219.1		

CHAIN OR CABLE CONVEYORS



The use of the chain is related to the power implemented and the length of the conveyor.



The aero conveyor engineering using cables allows the implantation of the equipment in food grade industries.