

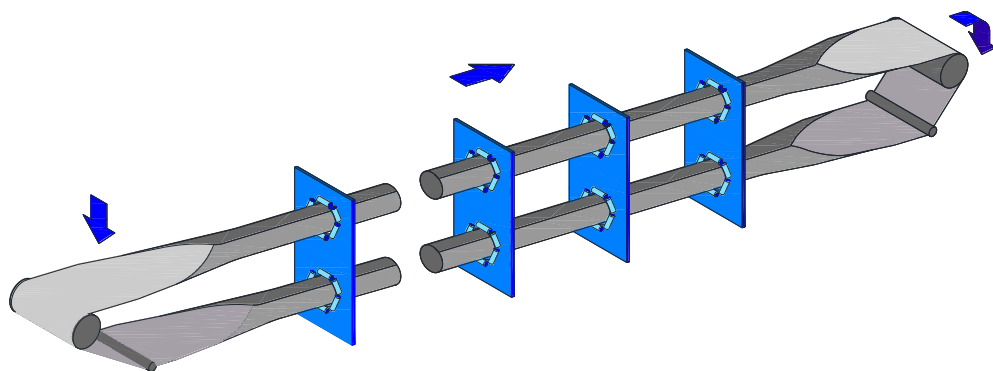
Pipe Conveyor Belt

A pipe conveyor is a transport system where the material to be transported is enclosed and protected within the belt itself, ideal when a flexible route is required.

Conventional roller stations are replaced by panels where the belt remains closed both in the loading area and in the return area. Generally this closure is achieved through 6 rollers arranged in a hexagonal disposition

The appropriate belt that makes possible the fold on itself is a special belt called "Pipe".

There is availability of **textile or metal carcass**, both with a wide variety of rubber covers qualities depending on the material to be transported.



Main Advantages

Selection Guide

- The **material is transported completely covered**, pollution is prevented, material losses are avoided and maintenance is reduced
- The roller panels are **compact**, a small structure size is necessary
- Due to its **flexibility**, complex routes are achieved without the need for intermediate transfer points. It is possible to make **vertical and horizontal curves**
- Up to **20% more inclination** is allowed than in conventional conveyors thanks to a better contact between belt and material

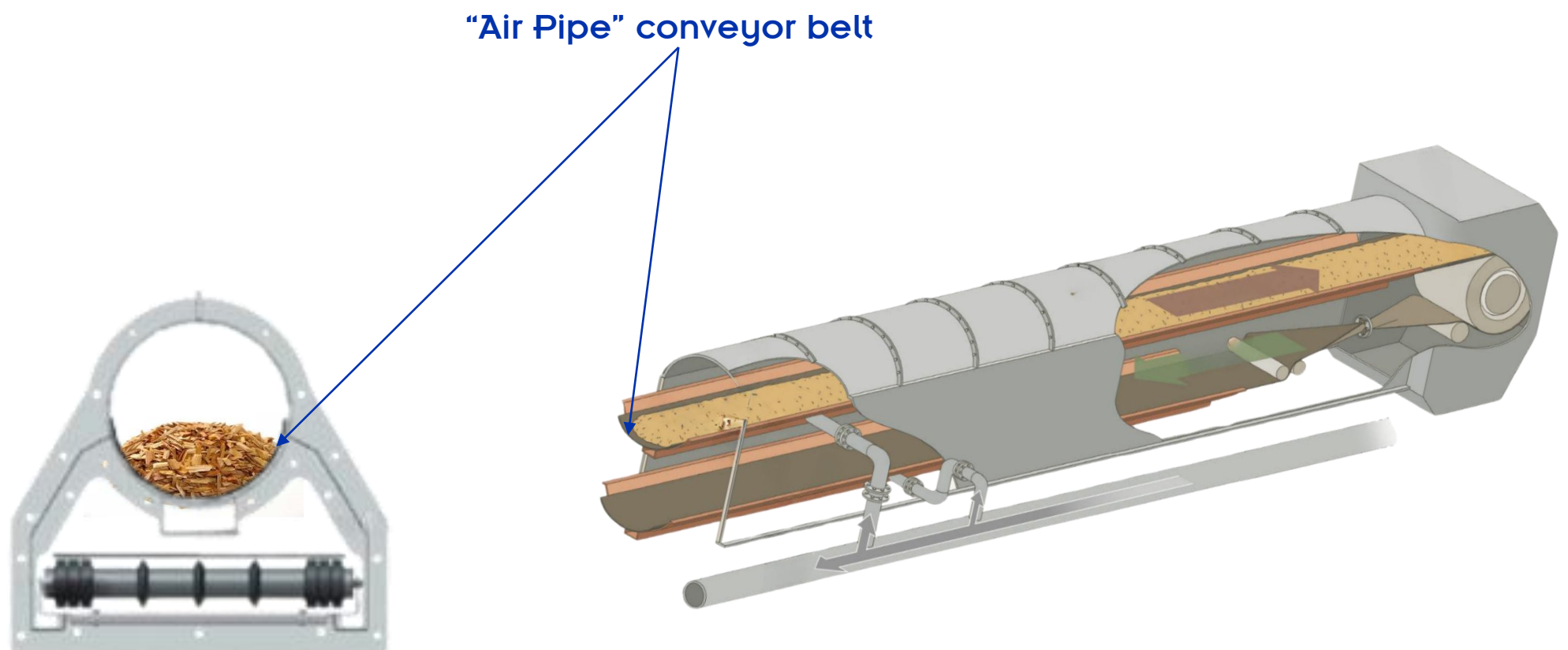


| Nominal tube diameter | Belt Width | Overlap |
|-----------------------|-------------|-----------|
| mm | mm | mm |
| 150 | 600 | 105 |
| 200/220 | 800 | 125 - 105 |
| 250 | 1000 - 1050 | 140 - 190 |
| 300 | 1100 - 1200 | 150 - 250 |
| 350 | 1300 - 1400 | 200 - 300 |
| 400 | 1500 - 1600 | 240 - 340 |

Air Pipe Conveyor Belt

An air conveyor is a conveying system in which the conveyor belt works completely enclosed and operates without rollers, sliding by air.

The appropriate belt for this application is called “Air Pipe” in its multiples qualities of rubber covers



Main Advantages

- Low energy consumption, with a significant reduction in belt friction
- Lower maintenance cost of the belt, environmentally friendly and noiseless than conventional conveyor belts
- Transport capacity can be improved without increasing the width of the belt
- Ideal for transporting low density bulk material
- Protection of the material against external agents
- Reduction of material loss
- Less vibration