

AccuVEYOR® AVD-SERIES

Dynamic Accumulation

- Dynamic accumulation
- Improve line throughput / save floor space
- Zero pressure
- First-in / First-out (FIFO)
- Most compact design on the market
- Patented design



Dynamic Accumulation is well received to improve the filling line throughput. The AccuVeyor® AVd offers you Dynamic Accumulation and the filling and packing line saves you valuable floor space. Its usable length can be expanded to overcome micro-stops and slowdowns on up or down stream equipment demands. Unlike conventional solutions, the AccuVeyor® AVd has a simple and robust design that reduces investment and the cost of ownership. Dynamic accumulation is now affordable for almost all packing and filling lines. The AccuVeyor® is a true alternative for single lane or mass flow accumulation.

AccuVeyor® AVd

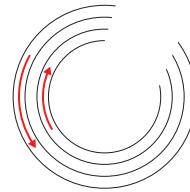
An AccuVeyor® AVd is a single lane accumulator within the AccuVeyor® family. Standard it only builds 2.6 meters in square. It can incorporate up to 140 meters of useful accumulation length up to 35,000 items per hour*. This is sufficient for 2 to 10 minutes accumulation and represents the best footprint accumulation time ratio currently available.

The complete machine is driven by three drives only. It is based on a robust welded frame work with a patented rolling friction belt guide system. The frame can be configured in wash-down stainless steel or coated mild steel for dry packing areas.

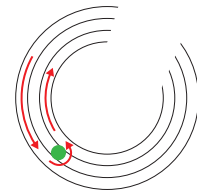
*) Depending on product type.

Principle

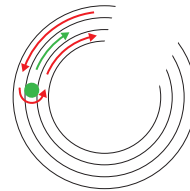
The AccuVeyor® AVd consists of an up running as well as a concentric down running spiral conveyor. A transfer unit shortens the product flow from the up to the down stream spiral conveyor. The transfer unit automatically moves along the spiral tracks to shorten or extend the total accumulation length to comply with the accumulation needs.



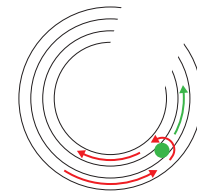
Up and down running spiral conveyors



Product transfer unit



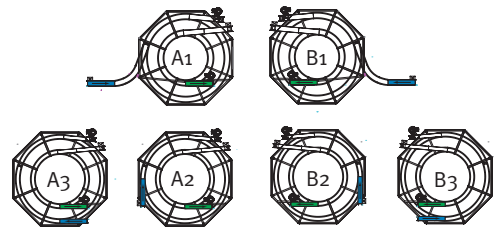
Reducing buffer capacity



Increasing buffer capacity

Configuration

The machine is available in a variety of in / out-feed configurations.



| AccuVeyor® AVd100, Accumulation length in meters | | | | | | | | | | | | |
|--|---|----|----|----|----|----|----|----|-----|-----|-----|-----|
| No of windings | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| AVd100 | 9 | 21 | 33 | 45 | 57 | 68 | 80 | 92 | 104 | 116 | 128 | 140 |

More info

- For Spiral Elevators: www.spiralveyor.com
- For Accumulation Systems: www.accuveyor.com
- For Modular Conveyors: www.ambaveyor.com