

AccuVeyor® AVZ

Zone Accumulator

- Zone accumulation spiral
- Zero pressure
- Suited for trays and containers
- Combined elevation / accumulation
- First in / First out
- Compact design



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d y n a m i c a c c u m u l a t i o n

AccuVeyor® AVZ

The AccuVeyor® is a series of dynamic accumulation systems. The AccuVeyor® AVZ is a true zone accumulator. When the downstream process comes to a stop the AccuVeyor® AVZ can, besides the normal conveying mode, be used to accumulate products. In order to achieve this, the machine is divided into 4-6 segments per turn. Each segment can store one item and can be activated and deactivated individually.

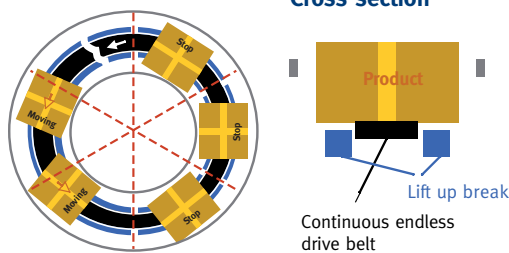
The important benefits of the AccuVeyor® AVZ are:

- Very small footprint.
- Compact design.
- Maintenance free lift and stop mechanism.
- Smooth running conveyor.
- Simple operation.
- Low noise due to patented roller design.

System build-up:

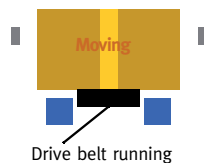
- The spiral is segmented in 4 or 6 zones per turn. Each zone can be activated individually.

Cross section

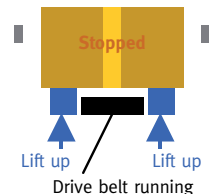


The AVZ comprises a central belt that runs continuously. A lift-up frame is mounted beside this belt frame which extends along the entire zone length on both sides. When the lift up is in a low position, the items are conveyed on the belt. If raised, it is held in the zone.

Zone in conveying mode



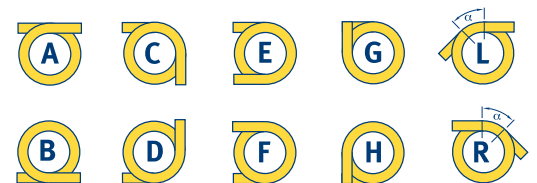
Zone in accumulation mode



- The activation is optic-pneumatic with integrated accumulation logic. The accumulator can be fully fitted with zones or only a few zones, if that suits the application. Accumulation segments can be retro-fitted at a later date.

Technical features:

- Max. item size 650 x 450 mm.
- Max. item weight 25 kg.
- Angle of incline 2.5-18 degrees.
- Through-put up to 3600/hr.



Material configurations:

- S** Mild steel, coated.
- CR** High corrosion-resistant coated mild steel frame, stainless parts, special CR chain.
- RS** Stainless steel frame and moving parts (wash down / wet environment)

Alternative machines:

- SpiralVeyor® TL, Similar but purely for elevating.
- AccuVeyor® AVX, Zero pressure dynamic accumulator for odd-shaped and unstable items.

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