



We **Provide Solutions** For Your **Accumulation Conveyor** Needs.

A&E Conveyor Systems take on every project with a solutions first approach. We provide a wide variety of standard accumulation conveyor solutions, as well as custom systems that are unique to the product application. We also offer complete lines of accumulator conveyor systems designed to integrate into your current packaging systems. Our end goal is to provide creative cost effective options to help meet your demanding packaging environments.



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HELPING Customers MOVE PRODUCTS

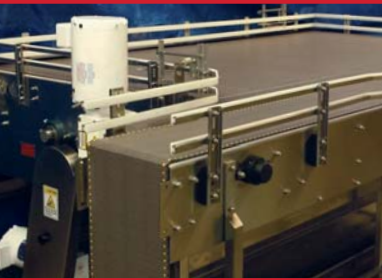
Accumulation Conveyors

In today's high-speed production lines, efficiencies are dependent on keeping products flowing. Accumulation systems provide a means of allowing production to continue by storing containers or packages when downstream stoppages occur. There are many different types and styles of accumulation systems to help meet your needs.

There are also challenges to consider when evaluating different types of accumulation systems, such as capacity, product, orientation, space, FIFO, or FILO. A&E Conveyor Systems can help you design the right accumulation system solution for your operations needs.



Serpentine Accumulation System. This accumulation system is an inline FIFO type system. These tables work well for both round containers and non-round containers. The line speed is set such that under normal operating conditions product is spaced on the conveyor as it transverses back and forth through the system. When downstream products stoppage occurs, the products accumulate by closing the gaps. These systems provide increased inline accumulation in a compact footprint.



Bi-Directional Accumulation System. This accumulation system is an offline FILO type system. These systems are typically used for round containers and require that the containers are conveyed in mass across the entrance of the system. When downstream product stoppage occurs, the products will merge out onto the table and it will index in the load direction until such time as flow resumes on the conveyors. When space becomes available on the conveyors the table will reverse direction to unload the table. These systems provide maximum zero pressure accumulation for the amount of floor space they require. These systems can be built in various widths and lengths to fit the space and accumulation requirements of the application.



Rotary Accumulation Table System. Rotary accumulation tables provide a simple efficient method to provide a buffer for accumulation for downstream operations or at the end of the line for hand packing products. They are simple in design, come in various sizes to match the application and do not require any sophisticated controls.



BI-FLO Accumulation System. This system is an inline accumulator but is neither FIFO/or FILO since containers are randomly accumulated and re-circulated back into the production flow. These systems are designed for minor interruptions in the production process by providing opposite directional conveyor chains to re-circulate the containers when a stoppage has occurred. It allows containers to accumulate in mass there by providing more capacity than an inline accumulation process yet does not require an additional single filer or sophisticated controls.



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