

CASEPACKER | ContiLine



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Technical Performance Characteristics

- Through its modular design, the A+F ContiLine perfectly adapts to the customers' individual requirements, providing the flexibility to pack all types of primary product into a wide variety of final packs.
- The ContiLine is specially designed for the foods industry. It is almost entirely made from corrosion-proof materials.
- The ContiLine is a continuously operating packaging machine. It is the obvious solution where a cycle-controlled/indexing packing machine is incapable of reaching the high performance requirements. The format setting capability for both product and case sizes ensures the highest flexibility.
- Short delivery lead time and simple installation ensured by a standardized machine configuration
- Quick and reliable format changeover by use of customized format kits and spindle adjustments
- Low operational cost reached by high-quality design and low servicing requirements

Technical Data

- **products:** drink cartons, bottles, tins, boxes
- **performance:** up to 60 cases/min.
- **cases:** open cases, wrap-around cases, shoulder trays
- **case dimensions (LxWxH):**
min. 86 x 154 x 60 mm
max. 310 x 410 x 270 mm
- **PLC:** Schneider Electric or Rockwell Allen Bradley as an option

Functional Description

Product Feeding and Grouping

The cartons are fed on a single lane. A servo-driven line distributor separates the cartons to the number of lanes needed for creation of the requested pack pattern.

Depending on the pack pattern, the carton feeding towards the case line either is in line or at right angle.

Whenever the output from two filling machines is supplied in parallel, the ContiLine grouping module is used to distribute the cartons into the requested patterns.

The cartons are grouped according to the pack pattern and, by a turning bar chain, moved onto the tray blank.

Case Line

The tray blank moves in from a carrier conveyor from below.

The blank magazine is located at the side of the machine and the use of a stack buffer provides a capacity of up to 330 blanks. The blank stacks are separated by belts and moved onward into the carrier conveyor. Cartons and tray blanks go into the servo-driven carrier chain. In a continuous operation the tray is fold around the product and sealed with hot melt.

Servo-motors ensure a fully automatic adjustment of the tray size in height and width. The tray length adjustment is by means of hand-operated spindles, or servo driven (optional feature).

Machine Design

The machine frame structure is made from stainless steel rectangular section tubes in a strong weldment.

It contains full protective coverings with sliding doors made from clear polycarbonate.

The operation of the machine is by means of a touch panel with a graphic display.

Quality

A+F guarantees for reliable operation and built-to-last design of all machine components. All bought-in components are sourced from recognized industrial suppliers and meet the highest standards of reliability.

Every machine passes a detailed and thorough in-house test run prior to dispatch.

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