

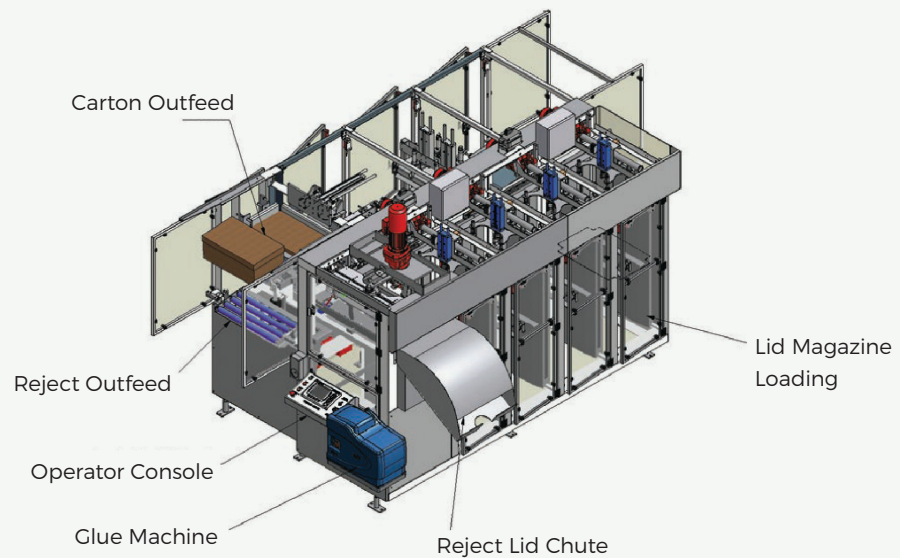


CARTON EQUIPMENT AND PACKAGING SYSTEMS



The AiCo range has been an industry leader for more than 35 years. With a focus in the meat and horticulture industries, the AiCo brand is known for its rugged reliability in tough environments and excellent return on investment.

LIDDERS



Lidders for the meat export industries. These machines are compact and fully automatic.

AiCo lidders also incorporate a high-speed hot-melt glue applicator providing simplicity of use with flexibility.

AiCo lidders are inherently flexible and several options are available for the magazines supplying the cardboard lids, with respect to the quantity of different magazines and location on the lids.

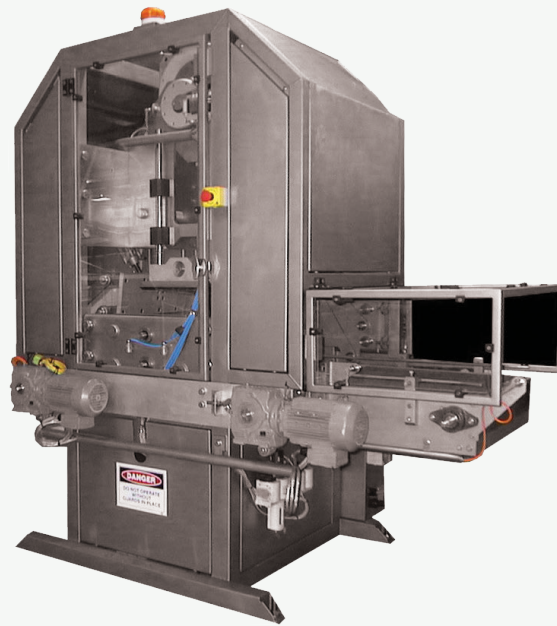
The lidders are specialised performance machines designed and manufactured by AiCo for meat processing plants to lid bulk chilled and frozen meat, which is packaged into cartons.

Ideal for applications requiring medium to high volumes of lidded cartons of bulk frozen meat and/or frozen primal, bulk chilled meat and/or chilled primal. The lidders can also be used for the bulk packaging of seafood, processed meat, poultry, pork, fruit or pre-packaged products.

FEATURES

- › Small footprint
- › Ease of operation
- › Proven robust design
- › Delivers reliable and consistent productivity
- › Reduced operating cost due to low maintenance requirements
- › Tamper-proof – fully secured carton lid
- › Damage-free cartons
- › Medium to high speed applications
- › Accepts multi height cartons
- › Consistent and safer carton handling
- › Remote access via site network for remote diagnostics
- › High quality, off the shelf components
- › Fully AS/NZ 4024 safety accredited

MEAT COMPACTORS



The meat compactor is designed to automatically compact meat packed in corrugated cartons and is installed in line with the AiCo lidder.

The use of the compactor with the lidder produces a consistent high-quality presentation of the finished cartons.

For ease, cartons are packed flat for lidding, freezing, and shipping, providing safer handling of cartons, and increased volume of cartons in containers for shipping and export.

FEATURES

- > Up to 8% increase in container load
- > Small footprint
- > Ease of operation
- > Proven robust design
- > Delivers reliable and consistent productivity
- > Reduced operation cost due to low maintenance
- > Quality of presentation
- > Damage-free cartons
- > Low to high speed applications
- > Consistent and safer carton handling
- > High quality, off the shelf components
- > Fully AS/NZ 4024 safety accredited



CARTON ERECTORS



For the meat export, horticulture and food industries, carton erectors from AiCo are precision designed, engineered and manufactured from stainless steel with industrial nylon components.

Carton erectors can be servo-operated with automatic size changing.

Low, medium and high-volume carton/case erectors can satisfy a variety of applications, from entry level carton erectors providing 10 cartons per minute to equipment providing over 25 cartons per minute for high-speed, high-production applications.

The machines are compact fully automatic, incorporate a high-speed hot-melt glue applicator and combine simplicity of use with flexibility.

The flexibility of the erector is such that several options are available for the magazines supplying the cardboard blanks, with respect to the quantity of different magazines and location on the erector.

FEATURES

- › Small footprint
- › Ease of operation
- › Proven robust design
- › Delivers reliable and consistent productivity
- › Reduced operating cost due to low maintenance
- › Tamper-proof - fully secured carton lid
- › Damage-free cartons
- › Low to high speed applications
- › Accepts multi height cartons
- › Consistent and safer carton handling
- › Remote access via site network for remote diagnostics
- › High quality, off the shelf components
- › Fully AS/NZ 4024 safety accredited

CARTON ERECTORS



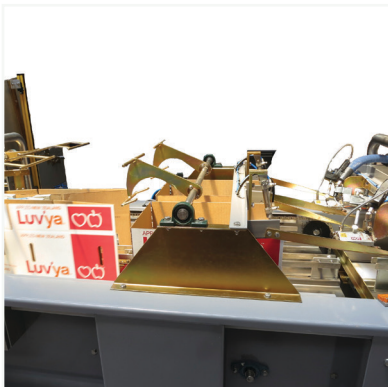
SINGLE STAGE ERECTOR

The single stage erector is designed for erecting either chilled and/or frozen cartons. A single stage in-line glue system erector for forming both single side and pre-laminated double side wall cartons. Ideal for applications requiring high speed volumes of erected frozen or chilled cartons.



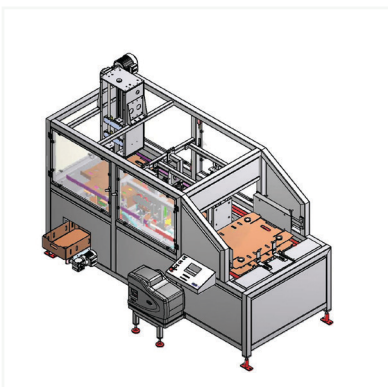
TWO-STAGE CHILLED ERECTOR

The two-stage chilled erector is designed for erecting single height chilled meat cartons. A two-stage, in-line glue system erector is used for laminating (glue fold over of double wall) and forming double side wall cartons. It is ideal for applications requiring a high-speed erection of chilled meat cartons. All side folding and gluing is carried out on the two-stage chilled erector.



HSC APPLE CARTON ERECTOR

The HSC erector is for erecting top and bottom HSC cartons. The erector forms the cartons, the in-line glue system glues the flaps of the blanks and outfeed both the top and bottom cases. It is well-suited for applications requiring high-speed erection of cartons for the horticulture industry.



CORNER POST ERECTOR

The corner post erector is for erecting corner post cartons. The two-stage, in-line glue system folds the corners of the blanks and forms the cartons. Ideal for applications requiring high-speed erection of cartons for the horticulture industry.



CARTON CLOSER



The AiCo closer is designed to automatically seal corrugated cartons, with multiple heights, without adjustment.

MEAT CARTON CLOSER

The meat carton closer is a specialised performance machine designed and manufactured by AiCo for meat processing plants to lid bulk chilled and frozen meat, which is packaged into cartons. It is ideal for applications requiring medium volumes of cartons of bulk frozen meat and/or frozen primal.

APPLE TOP AND BOTTOM HSC CLOSER

The apple top and bottom closer is specialised for the apple industry to automatically seal both top and bottom two-piece HSC cases. Ideal for applications requiring multiple height and print cartons.

FEATURES

- > Small footprint
- > Ease of operation
- > Proven robust design
- > Delivers reliable and consistent productivity
- > Reduced operating cost due to low maintenance
- > Tamper-proof - fully secured carton lid
- > Damage-free cartons
- > Low to high speed applications
- > Accepts multi height cartons
- > Consistent and safer carton handling
- > Remote access via modem for remote diagnostics
- > High quality, off the shelf components
- > Fully AS/NZ 4024 safety accredited



WEIGH IN-LINE SCALE AND LABELLER



The AiCo Weigh In-line Scale and Labeller is a dynamic scale, surpassing industry standards in design, durability and reliability.

This fast, multi-functional scale takes out the hard work by incorporating weighing, scanning and labelling. It is strategically designed to work day after day in the harsh food processing environment, uniquely durable and able to tolerate the most hygienic wash down requirements. Swift and consistent, operating in dynamic or static modes, it can weigh, scan and label up to 30 large cartons per minute. Fully self-contained in an all stainless steel construction, it integrates all key components of a weighing system.

The basic model is made up of three adjoining conveyors, a scale and electrics. It can also be supported by the following accessories to create a fully integrated turnkey system:

- › Hardware and software to print and apply labels
- › Software flexibility for system control and integration
- › Computer hardware and software to manage inventory, product codes and data recording of the day's production
- › Barcode scanners
- › System can be expanded to manage validation and reject lines as well as software and controls for these lines

FEATURES

- › 30kg capacity
- › Speed of 30 metres per minute (30 cartons per minute)
- › 30 kilograms accuracy, +/- 15 grams dynamic accuracy
- › Proven robust design
- › Delivers reliable and consistent productivity
- › Various reject options



AICO PRODUCTS AND SERVICES

Delivered by MHM Automation

MATERIALS HANDLING

- › HMPS palletisers
- › Conveyors
- › Elevators
- › Singlisers
- › Accumulators
- › Pallet handling
- › Scissor lifts
- › PIAB Powder transfer systems
- › Enmin Vibratory feeders and graders

TRANSPORT EQUIPMENT

- › Road tankers
- › Rail tankers
- › Liquid tankers
- › PV Valves

SERVICES

- › Project management
- › Design
- › Machine guarding to AS 4024 and fabrication
- › Plant maintenance
- › Equipment modification
- › Installation
- › Shut down work

PACKAGING EQUIPMENT

- › Case packers pick and place and cartoning solutions
- › BetaVac cheese vacuum packers
- › Linear weighing equipment
- › Auger fillers
- › Carton ladders
- › Carton erectors - all types
- › Carton closers
- › Meat compactors
- › Meat stuffers
- › Block turners
- › Bag trimmers
- › Block inverters
- › Rotary vacuum packers
- › Speedweigh scales
- › Vertical form fill forming shoulders

INSPECTION EQUIPMENT

- › Leak detectors
- › Check weighers
- › Thermo Fisher EScan
- › Product analysers
- › X-Ray
- › Metal detection

PROCESSING EQUIPMENT

- › Blenders
- › Mixers
- › Cooking, heating, boiling and brazing pans
- › Cooling tunnels
- › Pasteurising
- › Tumble chilling cheese block cutting

GENERAL FABRICATION

- › Platforms
- › Stairways
- › Structural steel
- › Custom fabrication
- › Architectural
- › Custom benching
- › Related pipe work