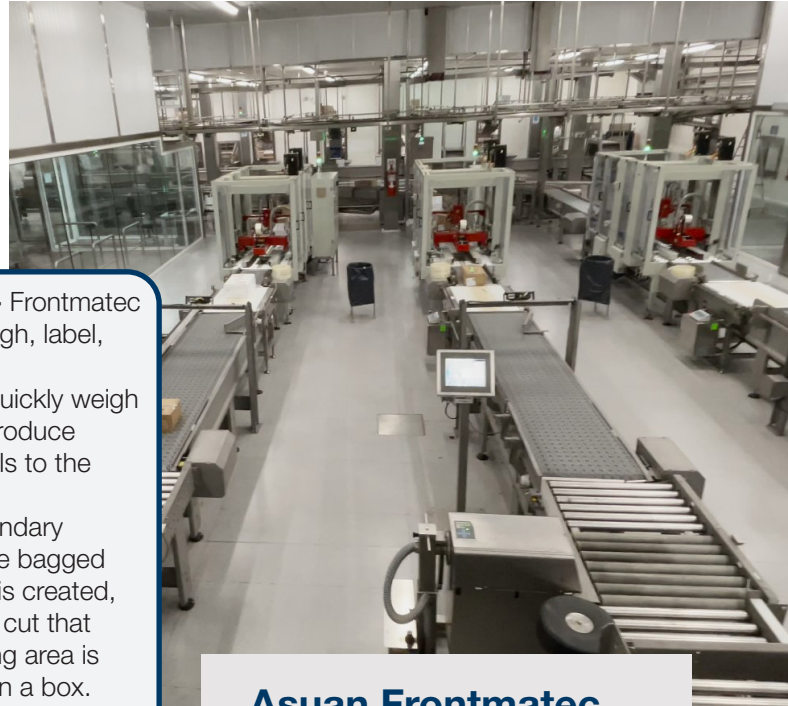


AUTOMATED PACKAGING BOX ROUTING, WEIGHING AND LABELING SOLUTIONS

Maximize the efficiency of your plant production lines with Asuan Frontmatec's industry-leading packaging solutions. With over 50 automated plants handling more than 500,000 cases daily, Asuan Frontmatec is a trusted partner in optimizing packoff operations. Our solutions deliver seamless integration of routing, dynamic weighing, label printing and application, and full traceability—ensuring speed, accuracy, and compliance in every box.



Packing Stations



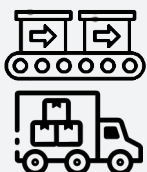
- **Packing, Labeling & Scanning Stations-** Frontmatec packing stations systems enable you to weigh, label, record, and track your packaged products.
- **Primary packing stations-** workers can quickly weigh fresh cuts of meat, place them in bags, & produce & apply brand and product information labels to the packages.
- **Secondary packing stations-** in the secondary packing or "packoff" area, workers place the bagged meat products into boxes. A barcode label is created, scanned & applied to each box. Each meat cut that was bagged & labeled in the primary packing area is scanned and recorded when being placed in a box. This allows the system to track the number, type, & weight of product that are supposed to be in a box. Vision cameras read the labels as the boxes move through the plant.

Box Sealing, Labeling, & Check Weighing



- **Conveyor Systems** - Frontmatec has extensive experience in designing & delivering systems to efficiently carry packages throughout the plant.
- **Box Closing & Sealing-** boxes travel from the packoff area to the box closing & sealing area. At this stage boxes are closed, taped, weighed & labeled. Box lids are pressed closed and taped. Sometimes banding / strapping systems are also used.
- **Check Weighing & Labeling-** once the box is sealed it moves onto a dynamic scale. This scale calculates the complete weight of the sealed box. If the weight is different from the value captured in the secondary packing area, it is rejected & set aside for manual inspection. Packages that are correct have a labeled applied automatically and they move to the end of line.

Routing, Tracking, & Logistics



- **Ready to Ship Box Routing** - Frontmatec's advanced integration software enables plants to route closed & sealed boxes to wherever they need to go in the plant such as storage or shipping areas. Frontmatec can dynamically route boxes based on whatever information is stored in the label record such as meat type(s), weight, customer name, & product brand. The streamlined routing results in faster production with less mistakes and costly handling.

Asuan Frontmatec Packaging Solutions Are A Smart Investment

- Increase production speeds and output levels
- Leverage traceability data to improve plant operations
- Ensure package contents and labeling accuracy
- Reduce dependence on manual labor and associated training and human resources costs
- Reduce waste and packaging costs
- Supports packaging of up to 4,500 cases per hour



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