Production Management System

FAST Weigh™ | FAST Label® | FAST Sort® | FAST Comm®

The Accu-Sort suite of FAST™ products offers the latest in integrated data systems for the meat and poultry industy. Used individually or integrated as a complete package, the FAST systems keep your operations performing at peak efficiency from centralized control of multi-lane scale management and labeling through warehousing, shipping, and production reporting.

Accu-Sort computer-integrated bar code systems and hardware are installed in most leading U.S. meat and poultry plants. Nearly 75% of all top meat companies in the U.S. use Accu-Sort equipment and systems in their operations.

Warehouse Management System (WMS) — Product Table, Order Table, ASN Creation

FAST Comm® | **Outbound Sortation** | **FAST Sort®**

Database

FAST Weigh + **FAST Label®**

Weighing / Labeling / Tagging | **Outbound Bar Code and Tag Verification** | **Reconciliation** | **Palletizing** | **Outbound RFID Portal /Verification**

Accu-Sort Advantages

- **INDUSTRY EXPERIENCE**—Over 20 years experience in the design and installation of customer-specific systems for the meat industry.
- **CONTINUOUS OPERATION**—Accu-Sort manufactured real-time, multi-tasking controller allows for continuous operation when other systems must shut down to generate reports, change product tables or perform other tasks.
- **NO MISLABELING**—Accu-Sort patented FAST Weigh™ tracking system ensures total control through the in-motion scaling cycle. Out-of-sequence boxes, double photoeye hits and mis-handled cartons are automatically detected. The result is no mislabeling of weighed boxes.
- **AUTOMATIC SORTATION**—Accu-Sort FAST Sort® systems are used for automatic tracking and divert to unique palletizing, warehouse storage or shipping lanes. Unlimited product codes, total containers, or active pallets can be tracked.
- **TWO-WAY HOST COMMUNICATIONS**—Accu-Sort provides a stand-alone or host interface to inventory systems - from order entry to invoicing and everything in-between. We have proven expertise in two-way host communications. With FAST Comm® we provide the necessary information and equipment - serial, network and protocol conversion - to make the interface simple.
- **CUSTOM LABELING AND REPORTING**—Shipping manifests, bills of lading, invoices and other documents are generated according to customer requirements and specifications. Product aging reports, receipt of returned or outside product, and transfer from fresh to frozen are all covered by our experience in the meat industry.
- **MATERIAL HANDLING EXPERTISE**—Accu-Sort shipping systems are designed to accommodate conveyor scanning, real-time, hand-held and RF scanning. We bring more than thirty years of expertise in conveying and material handling system design from stand-alone processes to fully integrated turn-key systems.

Static Scaling Systems

The FAST Weigh Static system links a series of manually operated bench scales to:

- Ensure accurate weight control for production process
- Automatically compute net product weight by subtracting tares from each product container
- Check net weight against tolerance range
- Generate bar-coded weight and product ID label which accurately and legibly defines the container contents, and meets UCC-128 Code specifications
- Provide weight accuracy reports by individual scaling stations
- Compute product weight give-away on fixed weight items
- Centralize weight and product data collection for generation of production reports and upload to the host computer

In-Motion Scaling Systems

- As each inbound carton passes over the scale, an inbound laser scanner reads the pre-printed, bar coded product ID.
- The FAST Weigh In-Motion scale automatically identifies, weighs, tares and compares the net weight to tolerance limits.
- For accepted cartons, FAST Label® prints and applies a UCC-128 Case Code specification weight label to each carton as it passes.
- Unacceptable cartons are flagged or diverted for checking.
- FAST Sort® tracking software prevents the mislabeling of cartons.
- After labeling an outbound scanner verifies each container label and enters acceptable boxes into the computer record.
- A central Accu-Sort PC accumulates each transaction's data for report generation or upload to a host computer. Tare weights, weight tolerance limits, and other product data are preprogrammed into the controller via the Accu-Sort PC.
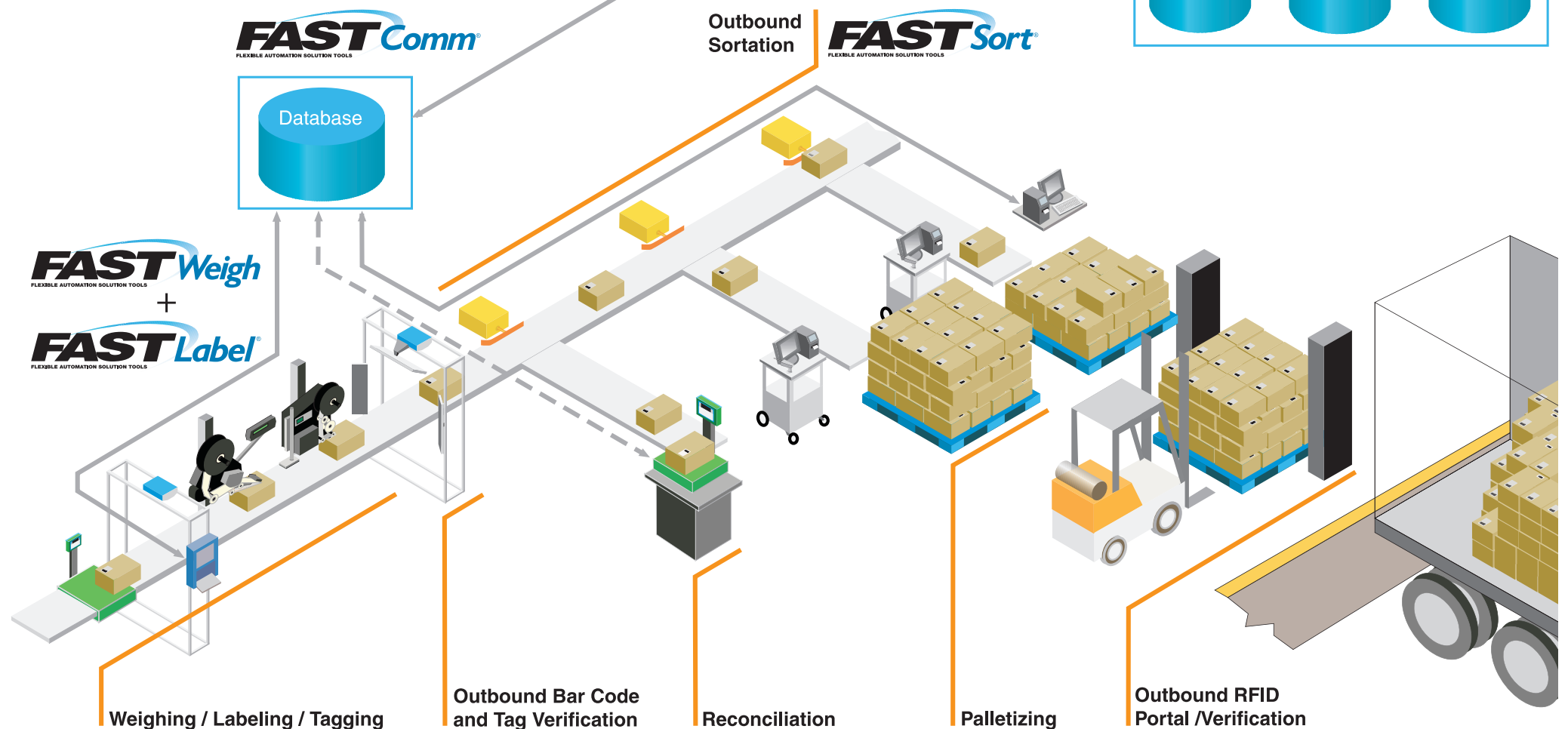
Inventory Management Systems

- Accu-Sort inventory management systems collect data from many sources to maintain real-time inventory status for each product in the system.
- Scaling, palletizing and production counting stations input data to the Accu-Sort inventory system.
- Additional data relating to changes and deletions from inventory are collected from various transfer and shipping stations
- Allows for receipt of outside product, transfer from fresh to frozen inventory, returns of shipped products and re-boxing of damaged products
- Product inventory is maintained by individual container number to allow for carton identification by age and warehouse location.

- Inventory reports are available in summary or detail form by product, production date, pallet, container location or other as required.
- Inventory records can be uploaded to the host computer for sales and marketing interface.
- Accu-Sort provides a LAN of PC devices to provide state-of-the-art data retrieval and reporting capabilities.
- Network file server with duplexed drives provides maximum data security while sharing information among the PC devices residing on the network.

Palletizing Systems

- Accu-Sort palletizing systems accumulate individual container weights on a pallet. When full, the system automatically generates a unique, bar coded pallet weight label.
- These labels are also designed to meet customer and UCC requirements. Pallet labels can contain product ID, date, total net weight of pallet contents, unique barcoded pallet ID number, pallet quantity, and beginning and ending carton serial numbers.
- The pallet label is best used for efficient, single scan of pallet contents to track inventory transfers or shipments of pallets.
- Pallet system reports are available in real-time detailed or summary style reports.

Shipping Systems

- Accu-Sort shipping systems receive/store order entry files via keypad or download from host computer.
- Generates pick lists and all scanned bar code labels are automatically checked against the order for product count and accuracy.
- Mis-picks are immediately displayed and substitutions and supervisor overrides are permitted and logged into the system Event Log for accountability.
- Shipping manifests are automatically generated in summary or detail format.
- Invoices may also be generated by the Accu-Sort system or by the host computer after each manifest upload.

ACCU-SORT® SYSTEMS
Lasers • Cameras • RFID • Systems

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Every Accu-Sort solution is backed by our team of professional support personnel, including more than 100 field service technicians and our direct sales force in North America, Europe and China. We also have trained representatives in Japan, Latin America, the Middle East, Africa, Asia and Australia.

We have two facilities, one in Telford and one in Hatfield, PA. Corporate headquarters, research and development, engineering and customer service are located in Telford. Hatfield houses our extensive systems group which engineers integrated solutions for both commercial and postal service customers.

In today's information age, your business must react in real time to remain competitive. We invite you to discover the bottom-line benefits we provide as the acknowledged leader in automatic identification technology and products. An unsurpassed total capability we call...

...the Accu-Sort Advantage.

ACCU-SORT® SYSTEMS, INC.
511 School House Road, Telford, PA 18969-1196 USA

For more information, call:
1-800-227-2633
or contact us at: info@accusort.com
www.accusort.com

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