



**Our promise is to deliver reliable, consistent service and quality products to the agriculture, and packaging markets.**

**Our goal is to exceed your expectations and provide products to increase your efficiency, automate and assist you in excellence.**



**Automation**



**Solutions**



**Service**



**Efficiency**



**Labor Reduction**

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# Automatic Pouch Bagger



The SAS Automatic Pouch Bagger is the most reliable, consistent pouch bagging machine in the apple market. This workhorse will increase your bags per minute and dramatically reduce your labor costs. We utilize servo controls for precise and accurate bag filling and handling. The ultra soft fill lift will handle all varieties of apples in 2lb - 6lbs.

- Speeds up to 10 bpm, average 8-9bpm - #2-3 lb bags
- 2lb-6lb bags
- Servo controlled Ultra soft fill handling
- Optical film sensors prevent "Air Fills"
- Linear optical laser detects if the pouch is fully zipped
- Linear progression of pouch handling using multitasking maximizes throughput.
- Gentle reciprocating soft fill duplicates the human hand to settle fruit into the pouch
- AbsorbaFoam cushion's fruit throughout the process.
- 4 point pouch handling assures security of bag even for heavy weights
- Servo SoftFill for precise lowering and height control of all pouch sizes
- Left and right versions for integration with weighing system
- 4 Station pouch stand eliminates downtime
- Pouches are mechanically secured during fruit fill cycle

# Automatic Poly Bagger



The SAS Poly bagger by Haley Mfg. is the fastest apple poly bagging machine in production today. This workhorse will increase your bags per minute and boxes per hour. We focus on delicately handling all varieties of apples with servo controlled Ultra Soft Fill Handling.

- Speeds up to 17bpm average 15-16bpm \*2-3lb
- 2 lb-10 lb bag weights
- Servo controlled Ultra-Soft-Fill fruit handling
- Flexible and delicate first stage fruit handling
- Anti-bridge infeed pneumatic paddles
- Highly cushioned discharge for delicate bag release
- Modular design for quick servicing and cleaning
- Unimpeded access to clear Kwiklok jams
- Failsafe bag sensor prevents "Airloads"
- Integrates with all weighing systems
- Optimized wicket to fill system
- Touch screen control of bag size and system parameters.
- Visual graphs set bag height and soft fill travel.
- One operator can operate 6 machines.
- Nearly double the speed of other apple poly baggers

# Automatic Batching System



The automatic Batching System is uniquely designed to pair an existing weigher to bagging machinery. Alternatively, it pairs well with a single or double lane sizer. The ABS-3 batches and indexes pockets of fruit prior to delivering to bagging machinery. With limited distance to travel the batching system continually delivers high speeds. With white glove handling this batching system creates delicate transfers for all types of soft fruit. Ideally it pairs with Pouch, Poly or Mesh Bagging machines.

- 20+ bpm
- Pairs with Poly, Pouch or Mesh baggers
- Small compact footprint
- Pairs with traditional weighers or SLS/DLS lines
- Preprogrammed settings
- Consistent and reliable
- Stages and delivers fruit to automatic baggers
- Reversible left and right
- Adjustable height for simple installation
- Simple and easy to use
- Self-contained controls and programming
- Ideal for Apples, Peaches, Plums, Nectarines, Kiwi, Citrus, Manderine, Tangerine, etc.

# Automatic Batch Weigher



The Automatic batch weigher is a streamlined, simple to use weigher, that delivers accurately weighed batches of fruit to your bagging machinery. The BD-20 utilizes a simple to use touch screen for weight, speed and handling controls. The BD-20 is ideal to feed pouch, poly or mesh bagging machines. With a small footprint and minimal investment this is a staple of every packing house. Compatible with existing bagging machinery and all packing lines.

- Up to 20bpm
- Small, compact footprint
- Preprogrammed weights and settings
- Connects and controls in feed belts
- Adjustable height for simple installation
- Weighs or counts bags (1lb- 5lb bags)
- Simple and easy to use
- Ideal for Poly, Pouch or Mesh baggers
- Advanced load cells and programming
- Dual gate pre-stage technology



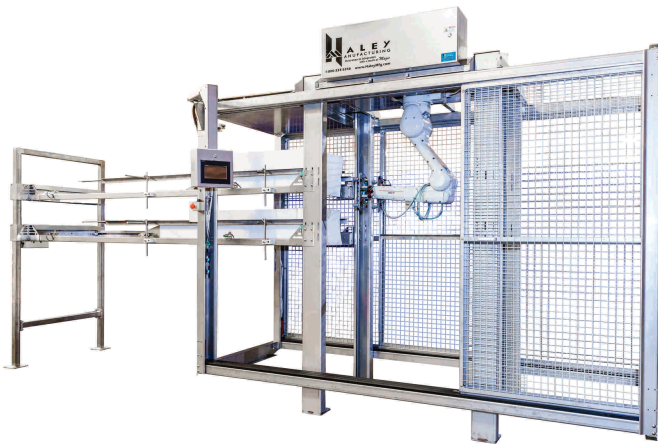
# Automatic Bag Check Weigher



The Automatic Bag Check weigher is ideal for all bag types up to 10lbs. With extremely accurate load cell technology and programming our check weigher is small and compact and easily fits in most bagging lines. The CW-20RS is built for weighing bagged fruit. The soft touch reject mechanism delicately pushes all out of tolerance bags to a rejection pan, belt or area.

- Up to 25bpm
- Small compact footprint
- Preprogrammed weights and settings
- Extremely accurate
- Connects and controls in feed belts for ideal timing
- Reversible left and right
- Adjustable height up to 30"
- Discharge high and low weight bags
- Simple and easy to use
- Advanced load cell technology
- Easy to use color touch screen

# Top Pad Inserter



Predominantly known for our automatic bagging equipment, we recently introduced the industry's first-known robotic top pad inserter. The six-axis robot places cardboard top pads in different-sized produce boxes. As boxes move down a conveyor, the robotic system determines the box size and picks the appropriate pad for each box.

- Up to 30 boxes per minute
- Flexibility to run 2 different sizes and types of pads on the same machine over the same lane
- Smaller footprint than other mechanically automated pad insertion systems for foam and other material pads that are not recyclable
- Keeps labor rate down and efficiency up
- Minimized down time due to highly reliable robot and minimum moving parts.
- Has capacity to hold a large volume of pads – Load it and forget it!
- If you need to run more pad sizes you just add another pad magazine

# Automatic Tray Inserter



The SAS Automatic Tray Inserter by Haley Mfg. is the next step in packing house automation. This workhorse will help eliminate labor on CTP lines and pre-size lines. Take advantage of both side and end-feeding of boxes and with speeds of 12+ trays/minute. Reduce labor within your facility and take advantage of this obvious automation solution. The simple, effective and PATENTED 3-strap inserter is extremely delicate and accurate.

- Patented 3-strap delivery system assures no bruising of fruit
- Will accommodate both standard trays and - "Euro" style
- Automatic change over from Standard to Euro 3-5 seconds
- Accommodates the foam trays without folding or fracture
- Preprogrammed settings sets the number of layers to fill the box
- 1-5 layer boxes and all size apples
- Side feed or end feed of boxes
- Accommodates pre-size and commit to pack lines
- Smooth tray lowering using a 3-strap delivery
- Sustains 12 trays/min,
- Speeds reaching 16+ trays @ peak performance
- Automatic box handling options
- Data module with tracking - optional
- Reduces labor (FTE) by 2-3 per lane
- Ideal for high speed tray lines on Pre-Size packing lines
- Ideal for Commit to Pack Lines - high volume lanes/drops

# High Speed Check Weigher

## Coming soon to a Packing Facility near you!

- Higher speed TBD
- Continuous weighing - no stop or dwell times
- Faster weighing processor
- Flexible design with the ability to be used anywhere from bags to Rockit tubs

# About Haley Manufacturing



Haley Manufacturing was established in April, 2016 with the purchase of CTC Waterworks. Initially we stayed focused on building and improving the CTC brand through our water filtration systems, HydroCoolers, Sulfur Burners, and scale elimination products. In 2017, we expanded our manufacturing line to add produce packaging equipment and began providing automated solutions to pack fresh fruits and vegetables in bags and boxes and have further expanded to all areas of packing house integration. We now offer many automated solutions for bagging, weighing, trays, boxes, fruit handling and integration. Haley is nimble and able to accommodate our customers changing needs to reduce labor, improve throughput, and integration.

## Haley Manufacturing History

- July 2016 – Haley Mfg. purchases CTC Waterworks, improves on current processes, and expands water treatment solutions.**
- July 2017 – Haley Mfg. taps into the 30+ years of experience in the fresh fruit and vegetable packaging industry and begins offering automated packaging solutions.**
- September, 2017– Haley Mfg. develops partnership with SAS to be the exclusive manufacturer, service provider and distributor of the Automatic Tray Insertter.**
- May, 2018 – Haley Mfg. acquires the rights to manufacture, market and service the SAS Automatic Poly Bagging machine for apples and other soft fruits. This poly bagger is one of the fastest and most delicate in the industry.**
- 2020 - Haley Mfg. Washington Manufacturing Company of the year.**
- 2020 - Haley Mfg. becomes Diamond OEM with Mitsubishi Electric.**

## Why Haley Manufacturing

We listen to what you want and need and provide you with new and reliable technology to save labor, increase throughput and improve efficiency. Because we are strategically partnered with Magic Metals Inc. in Yakima, Washington where our sales, design, and production departments are completely integrated, our customers receive the best quality product, cost, and delivery times. Our manufacturing and assembly complex is situated on five acres with 13,000 square feet of manufacturing and management offices. It is ideal for on-site design, machining, fabrication, sandblasting, assembly, product maintenance and repair services. That means we can handle all of your needs on site by a staff of dedicated technicians that care about the customer needs.



# Haley Manufacturing Service

Technical Service after the sale is paramount to our collective success. We are continually learning, teaching and training, thus you have the most recent technical updates, programs and knowledge to elevate efficiency. Our goal is to be valuable to your team.

We are a UL 508a certified panel shop for the USA and Canada.

## Technical Service Hotline

Business Hours: (509) 492-4771

On Call: (509) 426-6298

Service@Haleymfg.com



## Haley Manufacturing Partners





## Mission Statement

We proudly dedicate ourselves to providing only the highest quality solutions for all of our customers. By having a team of highly qualified people that treat each other with the same level of respect and dedication as we provide to our customers, we will continuously provide the best solution. Our commitment is to enable the success of our customers, partners and employees alike.



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