



Multi-Wall Bag

Solutions



Multi-Wall Bag Solutions

Leary introduces gluing and quality solutions to the bag and sack manufacturing industry designed to deliver quality-inspected products and cost savings efficiency. Leary's solutions integrate into the bottomer machine to offer quality improvements at all stages of the bag finishing process.

Unique to Leary's solution is the ability to inspect key areas of the bag making process that can often yield customer complaints and a significant loss in

product and materials cost if found faulty. Areas of inspection include skewed bag, hot and cold gluing, and open bag inspection. These solutions are added to your existing process and ensure fit-for-use products.

Leary control systems utilize proprietary Monet operating software which is user-friendly, easy-to-learn and intuitively automates the bag making process for a less hands-on approach to quality inspection.

Additionally, the Leary system automatically rejects bags that have not been closed and compressed fully during machine starts and stops, and may not have the required adhesive bond strength.

Leary improves your production process while running quality product up to 1,500 feet per minute (450 m/min), efficiently identifying or removing a single defective bag.



MONET OS with SEQUIRE ID

- Simple, graphic software for bottomer machines
- Decrease make-ready and training time
- Simple sensor and software set-up
- Unique software to automate stop-start process
- iQ Smart Services cloud-based data collection
- Built-in fingerprint access control to limit changes to critical controller settings
- For use with multiple controller configurations



iQ SMART SERVICES

- Remote access for quick technical support of software and hardware functions
- Gather, track, record and push production and process data to users
- Dashboard solution for visualization of machine productivity, rejects, machine uptime and trends for process improvement
- View production data and time delivery goals at all times on a display over the machine or in manager's office with iQ Status
- Instant notification of key changes to production sent to smart devices or email with iQ Alerts

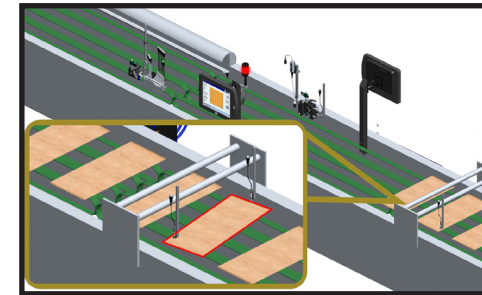


GLUE APPLICATION CONTROLLER INTEGRATION

- Upgrade existing out-of-date controllers to improve hot melt application
- Use existing hot melt valve with the ability to upgrade to add glue inspection
- Integrate with existing pump pressure regulation
- Detection options to add inspection capabilities
- Rejection capability available with existing rejection device or new In-Line diverter

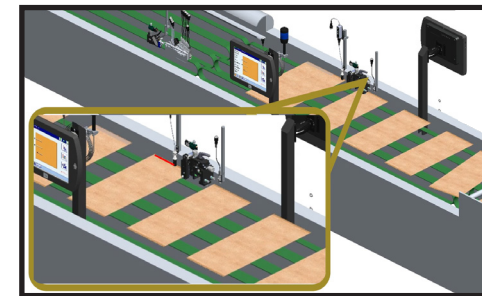
GLUING AND QUALITY SOLUTIONS

Guarantee quality bags through the bottomer machine by adding inspection capabilities to key areas of the process. Products that are not compliant with desired quality standard can be individually rejected without impeding production.



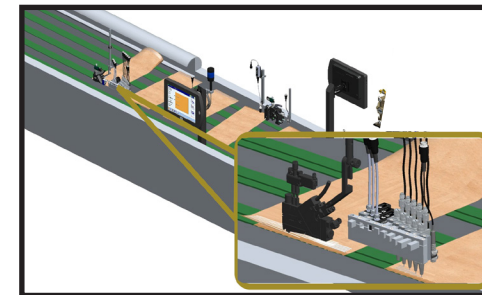
SKREW INSPECTION

- Detect skewed bags through the bottomer that may jam or shut down the machine
- Inspect from factory and customer side to increase accuracy
- Identify skew defects before glue application is incorrectly applied



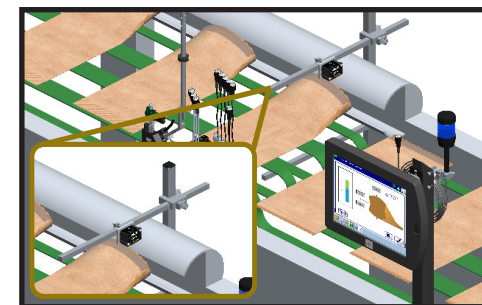
HOT MELT DETECTION

- Monitor for absence, presence, placement, and volume
- Customer-side and factory-side top and bottom measurements for accuracy
- On-screen monitoring capabilities with Monet software



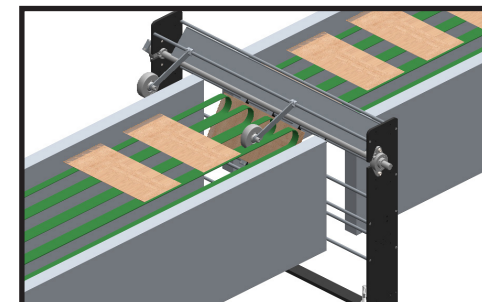
GLUE APPLICATION

- Activate existing hot melt valves with Leary controller
- Integrate cold glue application to hot melt adhesive for adhesive savings
- Integrate with existing pump pressure regulation



OPEN BAG INSPECTION

- Detect bags that may be glued closed from excess or incorrectly placed glue
- Unique sensor measuring capabilities for accurate inspection
- Visual verification of inspection on Monet controller screen



REJECTION

- Activate existing OEM rejection device
- Remove single defective product
- Reject verification to ensure defective product is removed
- Retrofit In-Line diverter ejector available

WHY CHOOSE LEARY SOLUTIONS

- Guarantee quality product with simple inspection
- Reduce product waste
- Precise glue application with cold glue for adhesive savings
- Simple, easy-to-use pictorial software
- Easy integration to existing glue application systems
- Quality inspected product to deliver cost savings
- Automatic rejection capabilities for single product removal
- Simple hardware integration to all bottomer machines
- Minimize machine downtime with automation software technology



CONTROLLER SPECIFICATIONS

| | MaQ+ QA ONLY | MaQ+ WITH GLUING | ARRAY LS-916 |
|----------------------------|---------------------------|----------------------------------|----------------------------------|
| Channel / Valve outputs | 0 | Up to 8 | Up to 8 |
| QA pattern inputs | Up to 3 | Up to 3 | Up to 16 |
| Pressure control outputs | 0 | 1 or 2 | 1 or 2 |
| Monet OS | • | • | • |
| Maximum number of HMI's | 1 | 1 | 2 |
| iQ Data collection capable | • | • | • |
| Start / Stop software | • | • | • |
| SureScan technology | • | • | • |
| SeQure ID screen | | | • |
| High contrast screen | | | Option |
| Skew inspection | 2 pattern inputs required | 2 pattern inputs required | 2 pattern inputs required |
| Hot Melt detection | 2 pattern inputs per side | 2 pattern inputs per side | 2 pattern inputs per side |
| Open bag inspection | 2 pattern inputs | 2 pattern inputs | 2 pattern inputs |
| Cold glue application | | 5-7 patterns & channels required | 5-7 patterns & channels required |
| Cold glue detection | Sensor / camera options | Sensor / camera options | Sensor / camera options |
| Hot melt application | | Can control existing valve | Can control existing valve |
| Product rejection | Ejector or spray | Ejector or spray | Ejector or spray |

W. H. Leary Company, Inc. is a leading innovative provider of Glue Application, Quality Assurance and Data Collection systems, specializing in the paper converting industries such as folding carton, corrugated box, liquid fill, envelope and bag/sack manufacturing.

Supplying solutions from basic glue application to the latest in-line print inspection system, all of Leary's products have been designed with a common goal in mind: to allow customers to benefit from leading edge technologies which maximize their machine's potential and deliver 100% fit-for-use products.

W. H. Leary is corporately headquartered in Tinley Park, Illinois, USA, housing engineering, manufacturing and a large demonstration and training center. Multiple sales and service locations are located throughout North America and Canada as well as a LATAM office in Querétaro, MX, and a European subsidiary located in the United Kingdom.



Leary Headquarters - Tinley Park, Illinois, USA