



Pro Mach

Labeling & Coding

# The Serialization Series

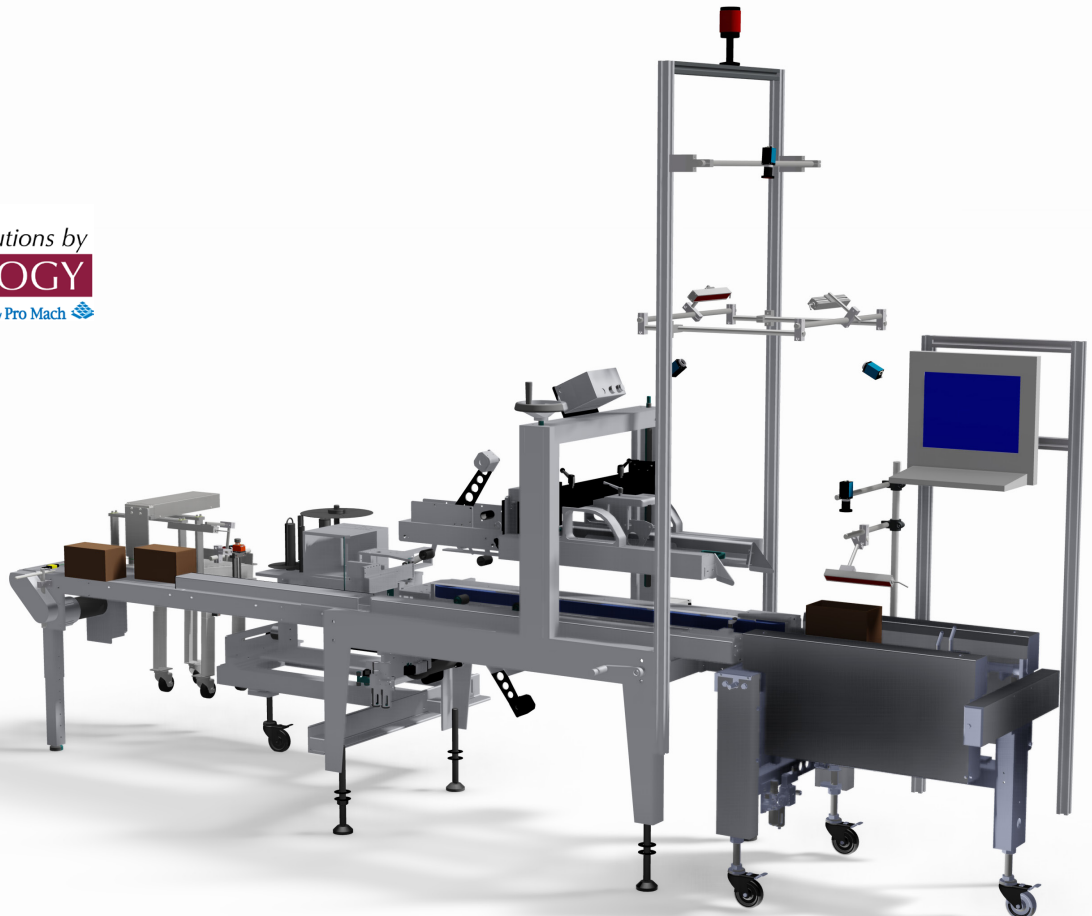
Model 1423

Case Packing, Aggregation & Labeling System for Pharmaceutical Cases

To comply with the Drug Supply Chain Security Act (DSCSA), there are many types and levels of packaging that need to be serialized and levels of packaging to be aggregated.

To help pharmaceutical companies with their serialization initiatives, the LSI by ID Technology Serialization Series of labeling systems is designed to work with your Management Execution Software (MES) to allow for accurate labeling, serialization and aggregation on a platform that is proven in the industry

Model 1423 is a case packing station that incorporates a semi-automatic case former, inspection station, case sealer and print-apply labeler.



## Operation:

An operator places an un-erected RSC case onto the case former. The case former automatically closes the bottom flaps and holds the case in position for packing.

Bundles of unit cartons are placed into the case with the bundle labels facing up. When a layer is complete, the operator presses a button to trigger a camera to scan the labels for all bundles on that layer. If all labels are readable and all bundle codes are valid, a green light signals the operator to pack the next layer. If any of the codes are unreadable or invalid, a red light directs the operator to an HMI which highlights the problem bundle, which is then removed for rework.

When the last layer in the case is successfully scanned, the green light begins to flash, directing the operator to manually push the case from the case former into the taper.

After the taper closes the top flaps and tapes the top and bottom, completed cases enter the labeling conveyor, where it is stopped at the labeling station by a pin stop. A print & apply labeling head stamps a serialized label on the side panel of the case and wipes it across the front panel. If a case is in the labeling station when a second case arrives, the second case accumulates behind the first.

After the label is applied, the pin stop retracts, releasing the case. If a second case is accumulated, it is held in place by a clamp stop until the first case is released. The pin stop and clamp stop work together as an escapement to release one case at a time.

An inspection camera reads the case label that was just applied. If the label passes inspection, the case proceeds to the next process, usually palletizing. If the label is missing or fails inspection, the case is rejected. Rejected cases are collected in a reject collection conveyor. Photoeyes confirm that failed cases are rejected and that good cases are not.

## Features:

- Allen Bradley PLC controls: Micrologix or Compact Logix
- Panel View Plus color touch screen HMI
- Adjustable camera mounts
- Metric scales with pointers on all user adjustments
- System recipes including all physical and electronic parameters
- Integrates with MES (Management Execution System) software packages from all major serialization vendors
- Three levels of security with Active Server password integration
- Performance measurement and diagnostic counters
- Alarm History
- Quick dump, lock out/tag out and low pressure switch for pneumatics
- PackML compliant controls.

## Options:

- Stainless Steel Base Frame and Control Enclosures
- Infeed spacing & orientation
- Fully enclosed, interlocked guarding package
- IQ/OQ Validation package
- 21 CFR Part 11 Compliance is available when integrating with a compliant software solution.

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**Serialization**  
*from unit to pallet*