

CORRUGATED SOLUTIONS
FOR FLEXO FOLDER GLUERS

CORRUGATED

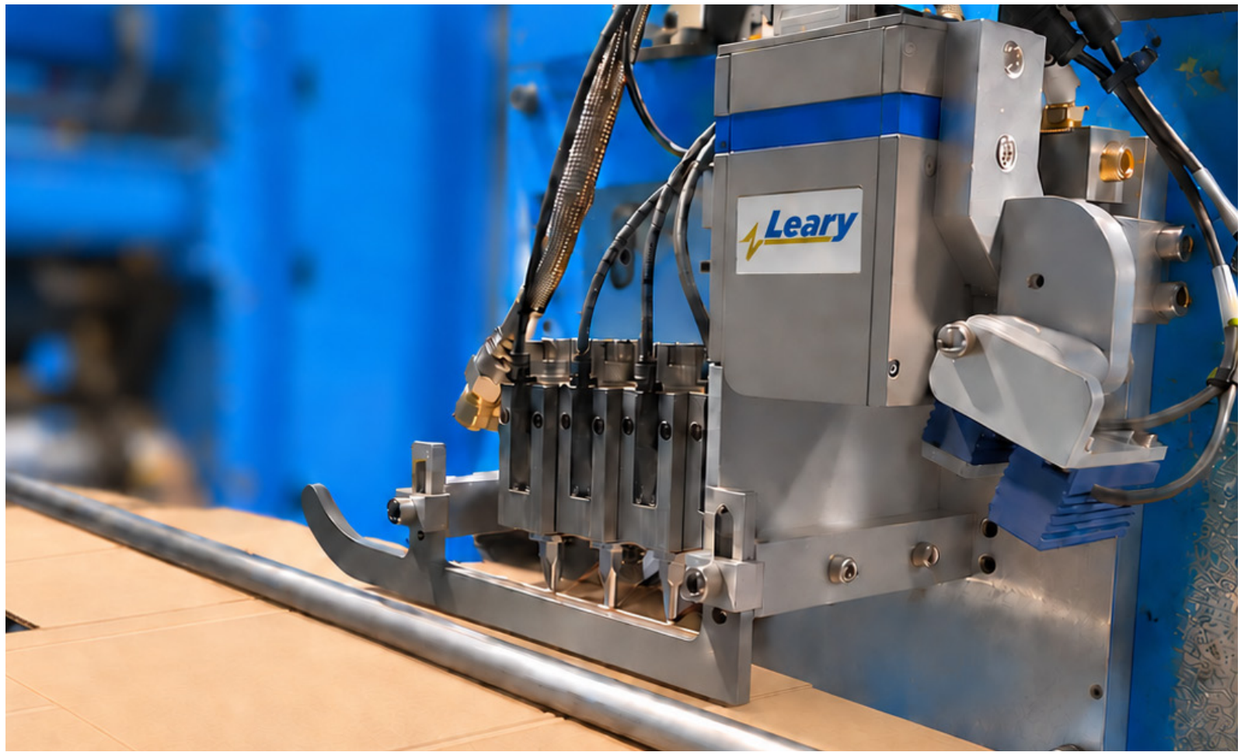
GLUING, QUALITY AND DATA SOLUTIONS

Leary combines precise non-contact glue application, InvisiScore liquid creasing, camera-based quality inspection, production monitoring, and operator-friendly controls into one expandable solution for Flexo Folder Gluers.

Designed to improve production from startup through the finished run, Leary technology helps corrugated plants reduce waste, minimize downtime and improve throughput.

Leary gives operators a solution to set up jobs quicker, run faster with confidence, and keep production moving.

A large, intuitive touchscreen provides live visual confirmation of glue application and camera inspection, helping operators recognize issues quickly and maintain consistent quality throughout maximum speed runs.



LEARY CONTROLLER SOLUTION



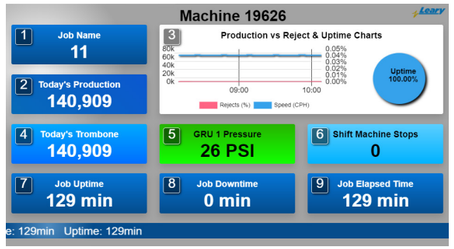
The MaQ+ controller for Flexo Folder Gluers is expandable based on gluing and inspection requirements. All controllers use Monet operating software designed to decrease make-ready and training time. Every box through the machine is properly glued and inspected using unique technologies built into Monet.

Box dimensions can be entered directly from the production sheet, and saved settings can be recalled by job or item number—reducing setup time, minimizing operator error, and improving consistency from shift to shift.

iQ DATA SOLUTIONS

iQ Smart Services technology provides relevant data to help make informed process improvement decisions. View data from displays above the machine, receive real-time email and SMS alerts, and store data for future reporting, corrective actions and production analysis.

Remote Support: On-line connected controller for remote troubleshooting
iQ Dashboard: Record data to use for production reports and analysis
iQ Status: Unique production data on plant floor, visible for immediate action
iQ Alerts: Specified production alerts sent to smart device or email
iQ Cellular: Connect to remote support with a machine side cellular modem



PRECISE COLD GLUE APPLICATION

Leary's non-contact extrusion gluing system is designed for accurate, repeatable adhesive application without the mess and maintenance associated with contact application methods.

The system utilizes the GT51 Piston Pump and Glue Regulation Unit to deliver consistent adhesive pressure and low maintenance, with built-in maintenance alerts based on actual usage data.

Leary's Sempre-i glue valve incorporates CleanStart tip-seal technology, covering the valve tip during machine stops to prevent glue drying on the nozzle and keep the valve ready for production. The first boxes through the machine receive accurate glue application instead of becoming startup waste, and general cleanliness around the gluing station is improved.

- Gear side or Operator side non-contact extrusion gluing
- (2), (3) or (4) Sempre-i valve configurations
- CleanStart Tip-seal technology
- Robust application system bracketry
- Line or stitch glue patterns for glue savings
- Low maintenance with 1 billion cycle rating
- Built-in water flushing for longer stops and maintenance cycles

CAMERA INSPECTION SOLUTION

Proactively maintaining quality delivers lasting results with reduced waste and efficient production. Add camera-based glue inspection to your box manufacturing by using LearyVIEW Flex, Leary's latest camera inspection solution that monitors the whole area where glue should and should not be.

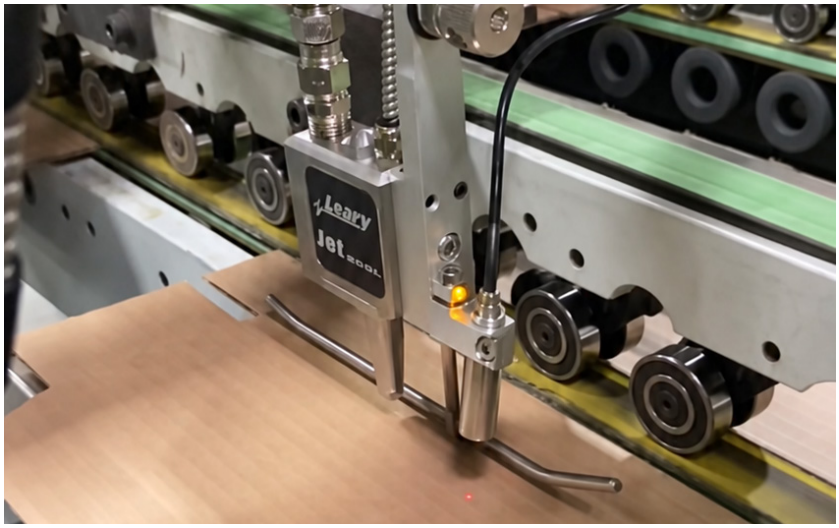
Immediately see inspection results on the screen to verify production quality and make real time corrections. Incorrect cutting, short sheets and scrap on the glue tab are also easily identified.

Any defective boxes can be tracked and marked using a spray rejection device to apply an invisible UV ink. Inspection images from Flex cameras are easily accessible and stored in Monet for quick access.

- Glue inspection of the entire glue joint area
- Real time images of application allow for quick on the fly adjustment
- View rejected boxes on screen for immediate feedback
- Maximize production speeds due to improved operator confidence
- Gluing only systems can be upgraded to include LearyVIEW Flex inspection in the future

InvisiScore WATER SCORING SOLUTION

Create Straighter, More Consistent Folds

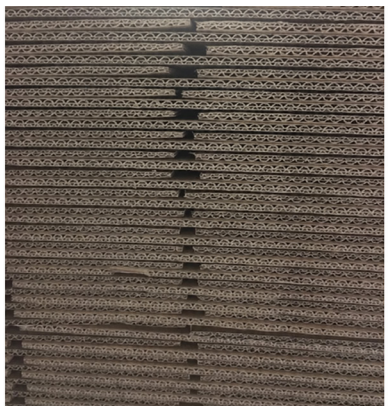


InvisiScore applies a fast-drying liquid softening solution to the scores, guaranteeing the folds follow the exact score line and not the flutes.

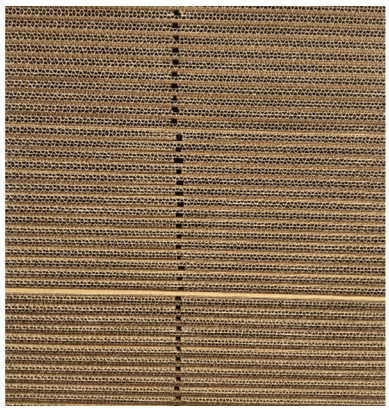
The system is designed to reduce problems caused by rolling scores and misaligned folds, including end-customer machine jams due to inconsistent finished boxes. Properly folded boxes with ease, increases machine run speeds and overall production efficiency.

InvisiScore advantages:

- Straight folds and consistent gaps
- Eliminate rolling-score problems
- Prevent jams caused by misaligned folds
- Add to an existing Leary controller or as an independent system



Box folds without InvisiScore



Box folds with InvisiScore

ONE SYSTEM MULTIPLE SYSTEM ADVANTAGES

REDUCE WASTE

Accurate startup and inspection help prevent unnecessary scrap.

REDUCE DOWNTIME

Easy maintenance, predictive notifications, & remote support keep production moving.

IMPROVE QUALITY

Verify glue application, improve folding accuracy, and gap consistency, to ensure quality before boxes leave your plant.

INCREASE THROUGHPUT

Faster setup, higher speeds and efficient operation support higher productivity.

SIMPLIFY OPERATION

Intuitive software and stored jobs reduce setup and training requirements.

PROTECT YOUR INVESTMENT

Begin with what you need today and add gluing, inspection, scoring, and data capabilities later.

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Leary
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