

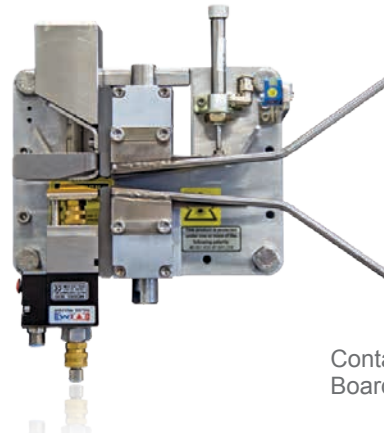
THE BOARDRUNNER®

A Flexoseal® Glue Station Solution

Valco Melton's BoardRunner® Gluing Stations feature non-contact and contact extrusion formats for the absolute best in adhesive deposition performance. They incorporate a quick change option for top-down to bottom-up gluing. In addition, they are equipped with a high performance, high speed all electric model 900 Series Valve. The impact resistant carbide plunger tip and engineered ceramic seat of the 900 valve leads the industry in durability with over 250 million cycles before major maintenance is required. The valve's powerful coil creates extremely accurate and repeatable glue patterns from the contact applicator head or via the versatile non-contact nozzle.

1. Contact BoardRunner

- Its design, patented in the United States, includes a variety of head supports
- Uses exclusive 900 electric valve technology
- Easily switched from top-down/bottom-up for inside or outside glue joints.



Contact BoardRunner

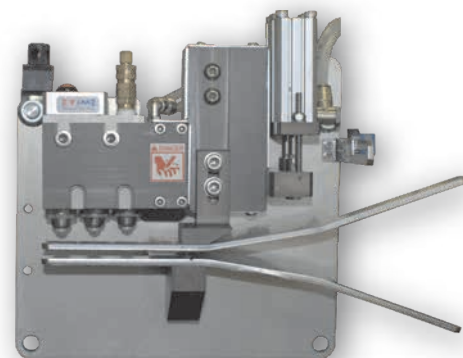
2. 3NCR

- 524 electric glue valves (up to 4)
- Quick reversing with two easy hold levers for switching from inside to outside glue joints.
- Low restriction nozzles
- Tip sealer for top-down/bottom-up
- Adjustable product guides
- Adjustable delay to park glue station
- Can run in auto-glue mode on tab side
- Supports stitch and jog modes
- Staggered starts and glue lengths to match tab angles



Additional Configuration: Tri-Valve BoardRunner

- Available for tab-side or 4th-panel gluing
- Can provide staggered pattern starts to match lead and trail tab angle, even in "auto-glue" system mode
- Features three of the Valco Melton 524 series, all-electric glue valves
- The 524 series non-contact valves offer a ceramic tip/carbide plunger design for extended service life with less maintenance
- The non-contact method eliminates product skew that can be caused in certain contact gluing applications
- Features an improved tip-sealer design that prevents nozzle plugging during periods of down time
- The tip sealer never cross the product path, preventing debris build-up and product jams
- Tip sealer requires no fluid

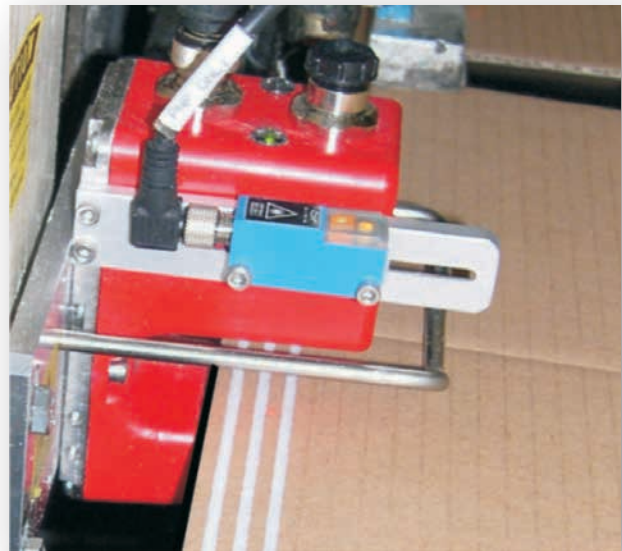
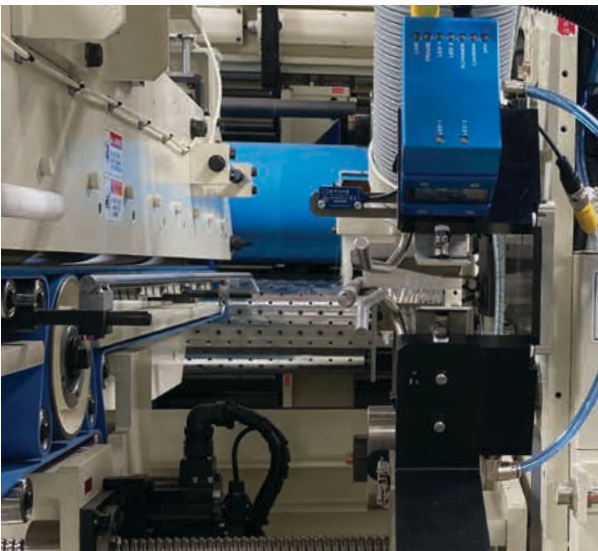


Tri-Valve Non-Contact Glue Station

Get these additional benefits:

- Modify the floating applicator head to any standard size board without any operator intervention.
- Adjust the glue applicator seamlessly with the board using a non-linear force curve that takes the weight off of the valve.
- Deliver air to the cylinder to provide a virtually weightless contact application and make the head "ride" on top of the board.
- Utilize Flexoseal's "quick disconnect" for changeover from top-down to bottom-up gluing.
- Eliminate waste and reduce setup time inside the machine.
- Set the board for zero tension (ideal for lug-driven machines).
- Create well-controlled patterns.
- Use on machines up to 28,000 boxes per hour.

Vision & Inspection Options



Make Quality Visible with GlueChek

GlueChek takes a picture of every glue pattern. The system analyzes the glue pattern to ensure that no gluing problems exist. When a gluing problem is found, GlueChek shows the defect on the screen with a large "X", notifies operators by alarm, then marks the defective box and saves an image of the gluing problem.

Glue Inspection

The Model CGS-40 Gate Sensor provides a large viewing area of the adhesive pattern. The sensor will continue to perform even when the robust, waterproof enclosure is covered with dirt and dried glue. The CGS-40 requires a calibration of adjustment. Glue pattern data is analyzed by the industry's most advanced MCP control software.



For more information, visit valcomelton.com or contact your local Valco Melton representative.

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