

# APPLICATION & DESIGN

## Bulletin



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### QUICK FACTS

- **Machines:** BF 400V and VL 480
- **Speed:** Up to 30 packages per minute
- **Industry:** Clothing
- **Application:** Bliss case forming and lidding
- **Design:** Three-piece bliss case (no top flaps) with separate lid

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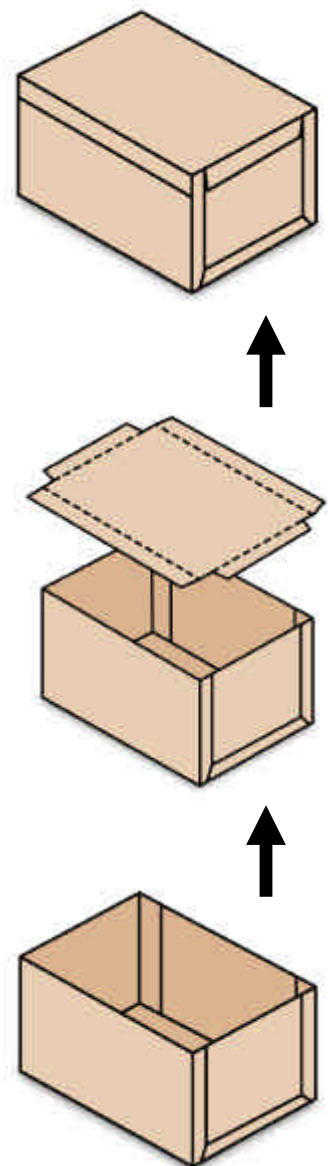
## Bliss Case Reduces Corrugated Needs, While Lid Helps Deter Theft

Packaging as a theft deterrent may sound like a strange concept, but it continues to be one that is growing in popularity.

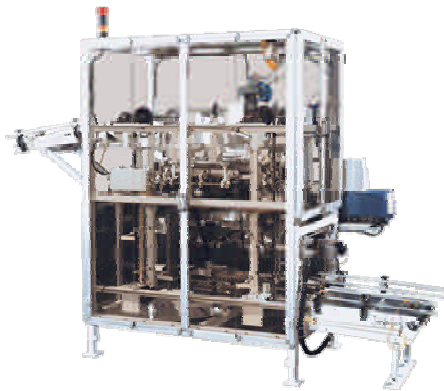
For a leading Southwestern clothing distributor, theft was a growing problem and they needed a solution quickly. Recently, they discovered that their taped RSC-style shipping cases were being opened before they reached the customer. Some or all of the merchandise was removed and then the boxes were cleverly and neatly resealed.

The solution to their problem, was to use a different type of packaging...one that couldn't be so easily opened and resealed without detection. SWF Companies suggested combining a BF 400V bliss former, along with a VL 480 liddler. The BF 400V forms a 3-piece bliss case (a body and two end panels—solid bottom, with no top flaps). The VL 480 then accepts the packed case and secures a corrugated lid to the top, via a pressurized hot melt glue system. The glue beads, applied horizontally, adhere the lid to the bliss case on all four sides, resulting in a much stronger seal.

The end result, was a final package that had both a solid bottom and top, without top flaps or seams. Access to the contents of the case now requires tearing or destroying the box itself. Furthermore, with the elimination of the top flaps, there was also a significant reduction in the overall use of corrugated material.



# Innovative Packaging Automation

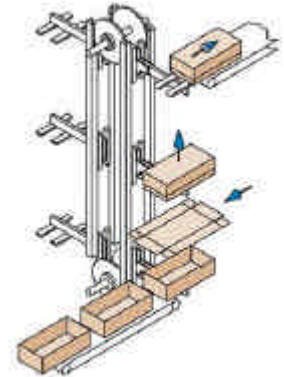


SWF Companies' compact, mechanically simple VL 480 lidding lids/seals trays in one continuous motion, at speeds up to 30 trays per minute.

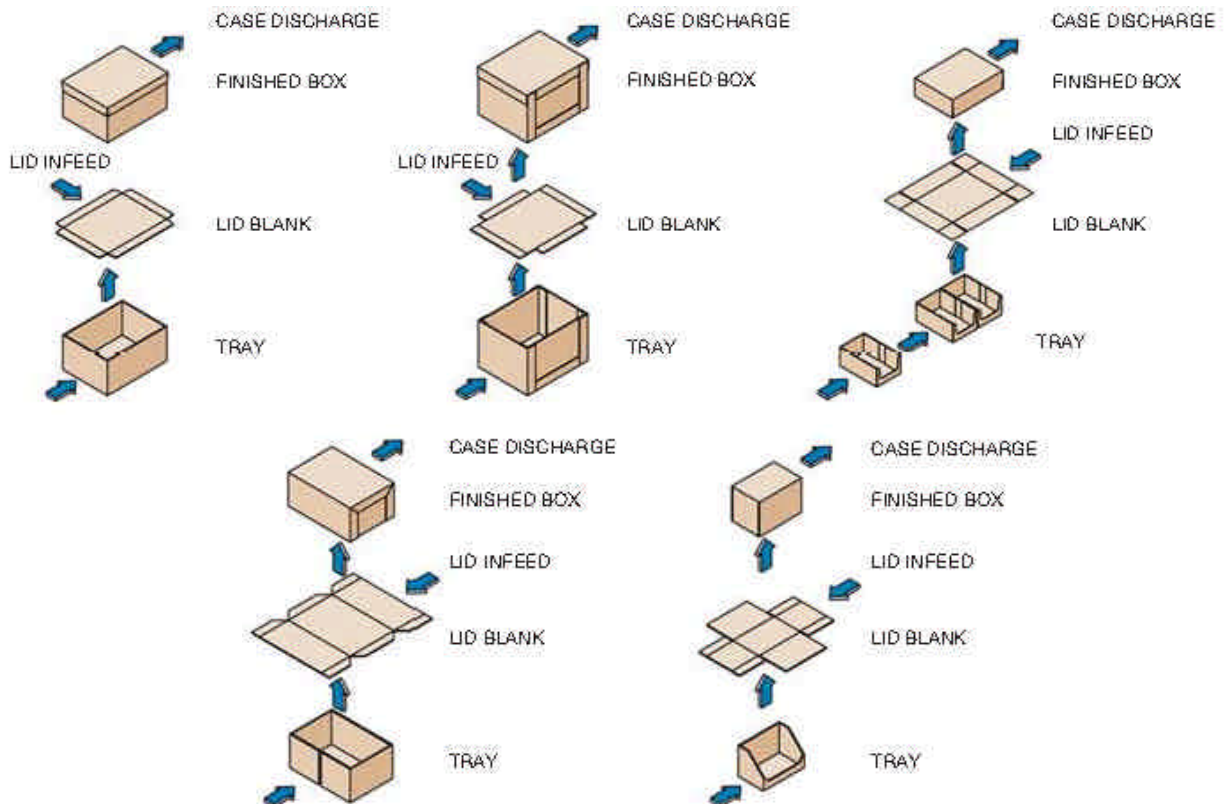
Designed to lid/seal a wide variety of standard, design style and bliss style trays, the VL 480 is the perfect compliment to any tray forming and packing system while providing a fast, strong, four-sided seal. Applications include cosmetics, paper products, prepared foods, dairy products, snack foods, produce and any other application that requires lidding and sealing of corrugated trays.

The VL 480 has a flexible, adjustable design which can accommodate a wide range of tray sizes. The open layout of the machine makes adjustments and maintenance simple and also keeps changeovers times to a minimum. The easy loading lid hopper, a unique time-saving feature, can be filled while the machine is still in operation.

Standard features include Allen Bradley components, gravity roller discharge and a pressurized hot melt glue unit. Other features on the VL 480 include a programmable logic controller, which provides control switches that are easily accessible to the operator and a polycarbonate interlocked guard package that includes articulating doors for easy access.



## Typical Lidding Configurations for the VL 480



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The Application & Design Bulletin is published monthly by SWF Companies, Reedley, CA. If you have any comments or suggestions regarding the Application & Design Bulletin, please contact Joel Anderson or email us at [info@swfcompanies.com](mailto:info@swfcompanies.com).

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