

APPLICATION & DESIGN

Bulletin



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QUICK FACTS

- **Machine:** BF 400V
- **Speed:** Up to 30 trays/minute
- **Industry:** Produce
- **Application:** Bliss forming
- **Design:** Side bliss with diagonal corners
- **Other Applications:** A wide variety of applications where container nesting and stacking strength are an issue.



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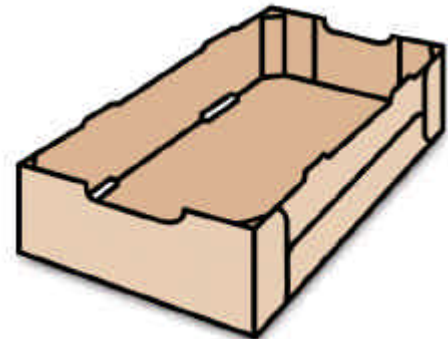
Side Bliss Provides Alternative to Common Footprint Trays and RPCs

The produce industry's use of common footprint style corrugated trays and RPCs (returnable plastic containers) continues to expand and as a result, packaging machinery manufacturers have developed an array of automation solutions capable of producing these various container types.

SWF Companies offers a variety of horizontal tray forming solutions capable of producing today's common footprint tray styles (e.g. TF 400H) and RPCs (e.g. CE 100P), as well as a vertical forming solution that is an alternative to both.

Conforming to Corrugated Produce Container Modularity Standard (sponsored by the Fibre Box Association), the side bliss with diagonal corners is a container alternative to both one-piece common footprint trays and RPCs. Formed by SWF's BF 400V bliss former, the side bliss option offers a lower machine cost compared to other forming solutions, while often operating at speeds higher than these other packaging systems.

Additionally, the side bliss offers stacking strength comparable to alternate container styles, conforms to the 5-10 down stacking requirement, features ample surface area for printed graphics, can be designed for various depths and with access/display configurations in mind. Plus, the side bliss can be designed to incorporate stacking tabs and tab receptacles into the container, providing positive container alignment and preventing nesting. With regards to materials, the side bliss with diagonal corners used less corrugated and glue compared to similar container designs.



Side Bliss with Diagonal Corners

Innovative Packaging Automation



The 3-piece bliss style case offers the ultimate in creative case designs and SWF's compact and portable BF 400V Bliss-Matic forms hundreds of bliss style cases at speeds up to 2100 cases/hour.

With the strength of a solid bottom, the BF 400V features a purely mechanical design and the standard BF 400V requires only 30 minutes for changeovers. Where faster changeovers are required, SWF offers a "Kwik-Change" model (BF 400VK), which can be changed over in under 15 minutes. Furthermore, a wide base model (BF 600V or VK) is also available to accommodate larger bliss designs.

A variety of attachments and add-ons are also available to increase the versatility of the BF 400V. These include an automatic HSC lidding attachment, rollover display feature and depending upon how much stacking strength a shipping case requires, internal flange and the diagonal corner attachments are available.

New Combination Case Packer Offers Both Vertical and Horizontal Packing Option for Bagged Products

A new and innovative development from SWF Companies is the compact DP 260C combination case/tray packer.

Designed to package a wide variety of products in flexible bags (polyethylene and poly coated kraft paper), including frozen vegetables, French fries and pet food, the DP 260C features an innovative design which enables the machine to pack bags both vertically and horizontally into an assortment of case and tray styles.

Via the touch of a button, the DP 260C can change from being a direct loader for flat (horizontal)



packing, to a shelf loader for vertical packing. Direct loading is done through a set of rotary impellers, while vertical loading is accomplished via a unique set of collapsible shelves and product pushers.

Speeds of up to 240 bags per minute are available for flat packing, while up to 70 bags per minute are possible for vertical packing.

Easily integrated with SWF Companies vast array of forming, erecting

and sealing solutions for secondary packaging, the DP 260C features a shaker/settler infeed conveyor, servo controlled motions and the ability to change over from one pack pattern to the next, at the touch of a button.

Ultimately producing packages that meet the ever-growing and changing product presentation demands of today's warehouse/club stores, the DP 260C can also be constructed of stainless steel.



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