

APPLICATION & DESIGN

Bulletin



Volume IV, Issue 4

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QUICK FACTS

- **Machine:** BF 400V
- **Speed:** Up to 30 bliss cases/minute
- **Industry:** Poultry
- **Application:** Bliss forming
- **Design:** Bliss case with side flange seals

See complete story on the reverse side of Bulletin....

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SWF the Announces Acquisition of Robotics Integrator GSMA Systems

SWF Companies is pleased to announce the acquisition of GSMA Systems, Inc. of Palm Bay, FL.

For over 15 years, GSMA Systems has been a prominent designer and integrator of robotic automation solutions for a broad range of assembly, mixing, palletizing and packaging applications with primary focus on food, automotive, medical devices and pharmaceutical markets. GSMA has specialized in designing efficient, cost effective solutions that incorporate robotics for increased line throughput, flexibility and up time when compared to more traditional manual or mechanical solutions.

"The benefits provided to our customers and partners by the merger of SWF and GSMA have already proven to be substantial," said Roland



Parker, President of SWF Companies. "Market demand for proven technologies that increase line throughput and

flexibility at competitive price points creates the need for new thinking by packaging OEM's. Traditional mechanical platforms often don't fit into this paradigm shift."

"Our announcement today has already provided many of our customers with freshly designed application solutions that combine the well known performance of SWF's packaging automation platforms with the flexibility afforded by GSMA's robotic in-feed case and carton loading and palletizing solutions."

Mark Senti, president of GSMA Systems, agrees. "With SWF's broad range of packaging products and diverse customer base it's a natural fit and something we feel has been needed for quite some time. Another key element of this transaction is GSMA's long term relationship with FANUC Robotics America as a strategic alliance partner to deliver leading edge technologies and solutions."

Innovative Packaging Automation

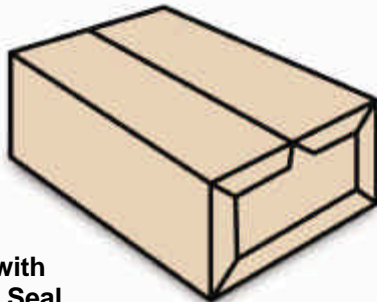
New Side Flange Bliss Case Enables Turkey Producer to Cut Package Sizes Needed from Six Down to Three

Faced with mounting storage constraints, product damage during shipment and increased packing time, a leading California frozen turkey processor was in dire need of a new packaging automation solution.

Originally, this processor was mechanically setting up a tray-style bottom and a separate partial lid on a competitor's piece of equipment. All told, they were using six different package sizes.

By converting to a bliss-style case (formed by SWF Companies' BF 400V), with 5" (127 mm) internal flanges and 2 3/4" (70 mm) external flanges, the processor was able to eliminate three of their six package sizes.

The bliss case sizes currently in use are 22 x 17 x 8 1/2 (559 x 432 x 216 mm), 22 x 14 1/2 x 8



Bliss Case with Side Flange Seal

1/2 (559 x 368 x 216) and 23 x 18 3/8 x 9 1/2 (584 x 467 x 241).

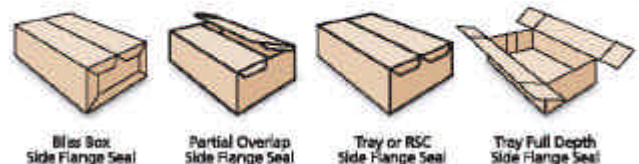
In addition to reducing the amount of corrugated they needed in inventory, the bliss case provided increased product protection, reduced packing time and significantly cut packaging costs.

This same bliss case design is also popular with many chicken and meat packaging operations.



SWF Companies' CS 340 side flange case sealer is capable of sealing a wide range of case styles/sizes and easily integrates with the BF 400V bliss former, TF 400V tray former and various case erecting and packing systems offered by SWF.

Case Design Specifications:



Mechanically simple, with no external air requirements, the CS 340 is capable of sealing up to 40 cases per minute and features a special electrical torque control system which automatically shuts the machine down if a jam occurs.



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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.

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