

# Package Style Offerings



## Global Technical Support

Service has become nearly as important as machinery in providing a total packaging solution and SWF Companies' **Global Technical Support (GTS)** group is committed to providing world-class customer service. The Global Technical Support team provides a variety of services including: factory-authorized certification programs, 24/7 technical phone support (800-344-8951), 24-Hour service technician dispatch, comprehensive production audits, guaranteed performance programs, troubleshooting assistance via virtual help desk and cross training for all SWF product lines.

## Automation Solutions Group

The **Automation Solutions Group (ASG)** is a solution resource for all companies looking for assistance with packaging line integration. Our major focus is to improve "Total Return on Investment" and improve overall line efficiency. From conceptualization through installation, ASG is there to develop innovative packaging automation and manage the entire process. This value added "one stop shop" approach enables our customers to avoid inefficiencies and frustrations often encountered when managing multiple vendors and suppliers.



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## Innovative Packaging

## Automation for Produce



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# Automation For Produce

## Our Company

When it comes to packaging, the single constant is change. Design, flexibility, speed, foot print – all are critical elements of this changing marketplace.

Into this dynamic landscape steps SWF Companies. For over 50 years, SWF has provided innovative packaging automation to customers in over 70 countries. As our marketplace has changed, so has SWF. Beginning in 1995, SWF has acquired leading packaging machinery manufacturers to build a broad line of complimentary primary and secondary solutions.

Our aggressive pursuit of growth provides a unique set of resources. SWF has three manufacturing locations strategically located throughout the United States in Chicago IL, Orlando FL and its headquarters in greater Fresno CA. Total manufacturing and assembly floor space exceeds 250,000 square feet, providing ample capacity to fulfill sizeable project requirements.

With nearly 60 engineers and technical support staff dedicated to providing cost-effective designs for the simplest to the very complex packaging application, SWF boasts resources that few can match. Our primary and secondary packaging automation solutions are among the most sophisticated and through the support of our Fortune 500 parent, Dover Corporation, this dedication will not waver.

Services have become nearly as important as machinery in providing a total packaging solution. Our **Global Technical Support** group provides 24-7 technical support, including training, set up, maintenance and productivity analysis. Another service offering from SWF is provided by the **Automation Solutions Group**. Our team of application specialists, designers and project managers stand ready to support your requirements for design, procurement, installation and integration of packaging lines.

We believe that the pace of change in our marketplace will continue, thus creating great challenges and opportunities. Those companies that embrace change will have the best chance to flourish as a supplier partner to leading global companies. It is these challenges and opportunities that have led our 400 associates to embrace the following mantra:

**At SWF, We Don't Respond to Change...We Engineer It.**



TF 400V  
Compact and Portable  
Tray Former

## We Know Produce

The roots of SWF Companies can be traced directly back to the produce industry, as the very first SWF machines were designed to automatically nail wood boxes together and those boxes were then used to package and ship produce. In the mid 1960s, SWF converted those nailing machines into machines that erected and glued corrugated boxes. Much of that same technology is still used today and through a series of technological advancements and design improvements, SWF now has over 3,000 produce machines operating throughout the world.



Over the years, SWF has expanded its product offerings for the produce industry to include an extensive array of tray, bliss and RSC formers/erectors which are capable of producing hundreds of case/tray designs. In addition, SWF offers several different semi-automatic and automatic bagging and weighing systems for produce.

Because many of SWF machines were originally designed to package produce, they feature small footprints for easy portability and work extremely well within harsh production environments. A simple, yet rugged design makes these machines easy to operate, easy to maintain and perfect for the produce industry.



CE 100P  
Ergonomically Advanced  
RPC Erector

## Produce Applications

### Primary Packaging:

- Wicketed bags
- Mesh bags
- Rainbow Packs



### Secondary Packaging:

- Standard, laminated and wax coated cases / trays
- Returnable plastic containers (RPCs)



# Packaging Solutions

## Tray / Bliss Forming

### Operating Speed:

- Up to 60 cases / trays per minute

### Product Types:

- Various case / tray styles for fresh fruits and vegetables

### Features:

- Extremely portable (compact design)
- Easy to load magazine blanks
- Quick changeover times
- No external air requirements

### Advantages:

- Accommodates hundreds of case / tray designs
- Simple mechanical design
- Optional lidding attachment
- Economical

### Models Include:

- BF 400V, TF 400V, CE 100P (among others)



BF 400  
Bliss Former  
with Optional HSC  
Lidding Attachment

## Flexible Bag Packing

### Operating Speed:

- Up to 40 bags per minute

### Product Types:

- Fresh fruits and vegetables

### Features:

- Wicketed or mesh bags
- Bags by weight or count
- Size range from small Kiwis to large Grapefruit
- Gentle handling

### Advantages:

- Compatible with any scale, sorter or counter machines
- Small footprints
- Bag weights up to 50 lbs.
- Mixing multiple fruit into a single bag

### Models Include:

- BU 800, MS 450



BU 390  
Fills Wicketed Bags  
Up to 20lbs.

## RSC Forming & Sealing

### Operating Speed:

- Up to 45 cases per minute

### Product Types:

- Various case styles for fresh fruits and vegetables

### Features:

- Easy case blank loading
- Quick changeover times
- Rugged construction
- Portable

### Advantages:

- Small footprints
- Flexibility
- Ease of operation
- Economical

### Models Include:

- EL 500, CE 151, CE 201 (among others)



EL 500  
Erector Litter  
Provides Variable  
Speed Capabilities

## Common Footprint Machinery

SWF Companies offers a variety of "common footprint" case and tray formers. These machines produce several case and tray sizes designed to facilitate the handling, storage and shipment of produce and other products on standardized pallets. Mixed pallets (various types of products on a single pallet) are also possible with common footprint case / tray designs. Furthermore, these common designs allow cases and trays from multiple manufacturers to interlock and stack together, while easily fitting into most in-store refrigeration systems.



Offering both horizontal and vertical machines, SWF produces (with long dimension first) 600 x 400, 400 x 300 and 500 x 400 mm footprint sized cases and trays. All three sizes can have various depths, conform to the 5-10 and 6-12 down requirements and can also be produced half size.

Common footprint machinery and the corresponding case / tray designs are the result of establishing a Corrugated Product Container Modularity Standard (sponsored by the Fibre Box Association).

