

# 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 machine installation and start-up assistance, 24/7 technical phone support (800-344-8951), 24-Hour service technician dispatch, comprehensive production audits, guaranteed performance programs and cross training for all SWF product lines.

## Asset Renewal Program

SWF equipment is built to last, and can often be rebuilt, upgraded and/or converted to meet the challenges of today's packaging applications. If your capital plans include sourcing new equipment to replace an aging SWF machine, consider the potential capital savings that can be afforded by SWF's **Asset Renewal Program**.

### PRIMARY PACKAGING

SWF Companies - Tisma Division  
1099 Estes Avenue  
Elk Grove Village, Illinois 60007  
847.427.9525 | Fax 847.427.9550

### SECONDARY PACKAGING

SWF Companies  
1949 E. Manning Avenue  
Reedley, California 93654  
559.638.8484 | Fax 559.638.7478  
Toll Free USA: 800.344.8951

### ROBOTICS

SWF Companies - GSMA Division  
2730 Kirby Avenue, NE Building #5  
Palm Bay, Florida 32905  
321.728.3800 | Fax 321.728.5555



[www.swfcompanies.com](http://www.swfcompanies.com) | [info@swfcompanies.com](mailto:info@swfcompanies.com)

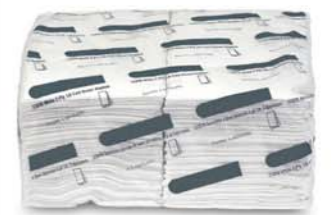


## Innovative Packaging

Automation

for Converted

Paper Products



# Automation For Paper Products

## Our Company

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

Into this dynamic landscape steps SWF Companies. For almost 60 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 and integrators to build a broad line of complimentary primary, secondary and robotic packaging solutions.

SWF has three manufacturing facilities strategically located within the United States; in Chicago IL, its headquarters in greater Fresno CA and Palm Bay FL. Total manufacturing and assembly floor space exceeds 230,000 square feet, providing ample capacity to fulfill sizable project requirements.

With over 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.

Service has 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.

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.



CL 100SW  
Compact Semi-Automatic Case Loader

## We Know Converted Paper Products

Household towels, bathroom tissue, industrial hard wound roll and folded towels, napkins, fem-care products, diapers, note pads, greeting cards, gift wrap, wax paper, lunch bags, paper plates and cups, coffee filters, baby wipes, fabric softener sheets, dusting sheets, reams of paper, and adding machine tape are just some of the converted paper products packaged by SWF Companies. Needless to say, we know converted paper!



In June of 2000, SWF acquired Salwasser Manufacturing Co., Inc., a leading manufacturer of integrated case packaging equipment of more than 50 years. For almost 40 years, Salwasser developed case packing systems and related equipment for converted paper products, including its first semi-automatic case packer for cartons of facial tissue in 1963 and its first fully automatic case packer in 1968 for rolls of household towels. Salwasser also pioneered the application of servo technology, as well as ergonomic methods of automatically feeding complete bundles of knock-down cases to its equipment. In response to the industry's need for greater versatility, Salwasser was also the first to offer case packers with integral, full case load orientation mechanisms, the ability to handle standard RSC cases and trays on a single machine and a leader in the incorporation of robotics and pick-and-place technology. All told, SWF Companies (with the addition of Salwasser) has delivered well over 2,000 pieces of equipment (equating to over 800 integrated packaging systems) to converted paper product manufacturers around the world and that number continues to grow.



Furthermore, with operating speeds up to 30 cases per minute, SWF has delivered machine designs capable of throughput rates never achieved in the industry, including the ability to open, load and seal large paper towel cases at speeds up to 22 cases per minute. These speed capabilities, coupled with unique product handling features



CL 405  
Medium Speed Inline Case Loader

(converging, diverging, accumulating and positioning) make SWF's case packing systems ideal for today's converted paper applications. Through the acquisition of Salwasser and other leading packaging machinery companies, SWF is able to provide a variety of primary, secondary and robotic packaging solutions, including an extensive array of horizontal / vertical cartoners, case / tray erectors and case sealers. These systems, along with our case traditional and robotic packing capabilities, enable SWF Companies to be a 'one stop shop' for most converted paper packaging needs.

# Packaging Solutions

## Horizontal / Vertical Cartoners & Specialty Container Packaging

### Operating Speed:

- Up to 500 cartons per minute

### Product Types:

- Facial tissue, baby wipes, folded towels, napkins, etc

### Features:

- Numerous infeed types
- Quick changeover times
- Rugged and reliable construction
- Simple, easy to operate design

### Advantages:

- Unique product handling
- Customization capabilities
- Variety of carton / package types and sizes
- Servo controls

### Models Include:

- Horizon Series, TC 600, Victory 100



TC 600  
Servo Cartoner with Flexo-Tray

## Case/Tray Forming & Sealing

### Operating Speed:

- Up to 45 cases per minute

### Product Types:

- Various case and tray styles

### Features:

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

### Advantages:

- Small footprints
- Flexibility
- Ease of operation
- Economical

### Models Include:

- CE 151, CE 201, CS 440, TF 400VK, (among others)



CS 440  
Automatic Top Case Sealer

## Case Packing

### Operating Speed:

- Up to 30 cases per minute

### Product Types:

- Cartons, bathroom tissue, paper towels, napkins, etc.

### Features:

- Flexible pack-patterns
- Quick changeover times
- Rugged, low maintenance construction
- Ergonomic, easy to load KD case magazines with available automatic bundle loaders
- Customized designs
- PLC controls

### Advantages:

- Small footprints available
- Ability to handle both large and small products
- High speed stacking capabilities
- Extensive experience with roll products
- Broad range of case styles
- Unique product handling options
- Advanced servo technology
- Robotic packaging options

### Models Include:

- TL 100, TL 200, AS 100, CL 100, CL 405, OS 500, (among others)



AS 100  
Accelerated Product Stacker



OS 500 Opener / Sealer  
Integrated with CL 400 Case Loader



Robotic Packaging Solutions