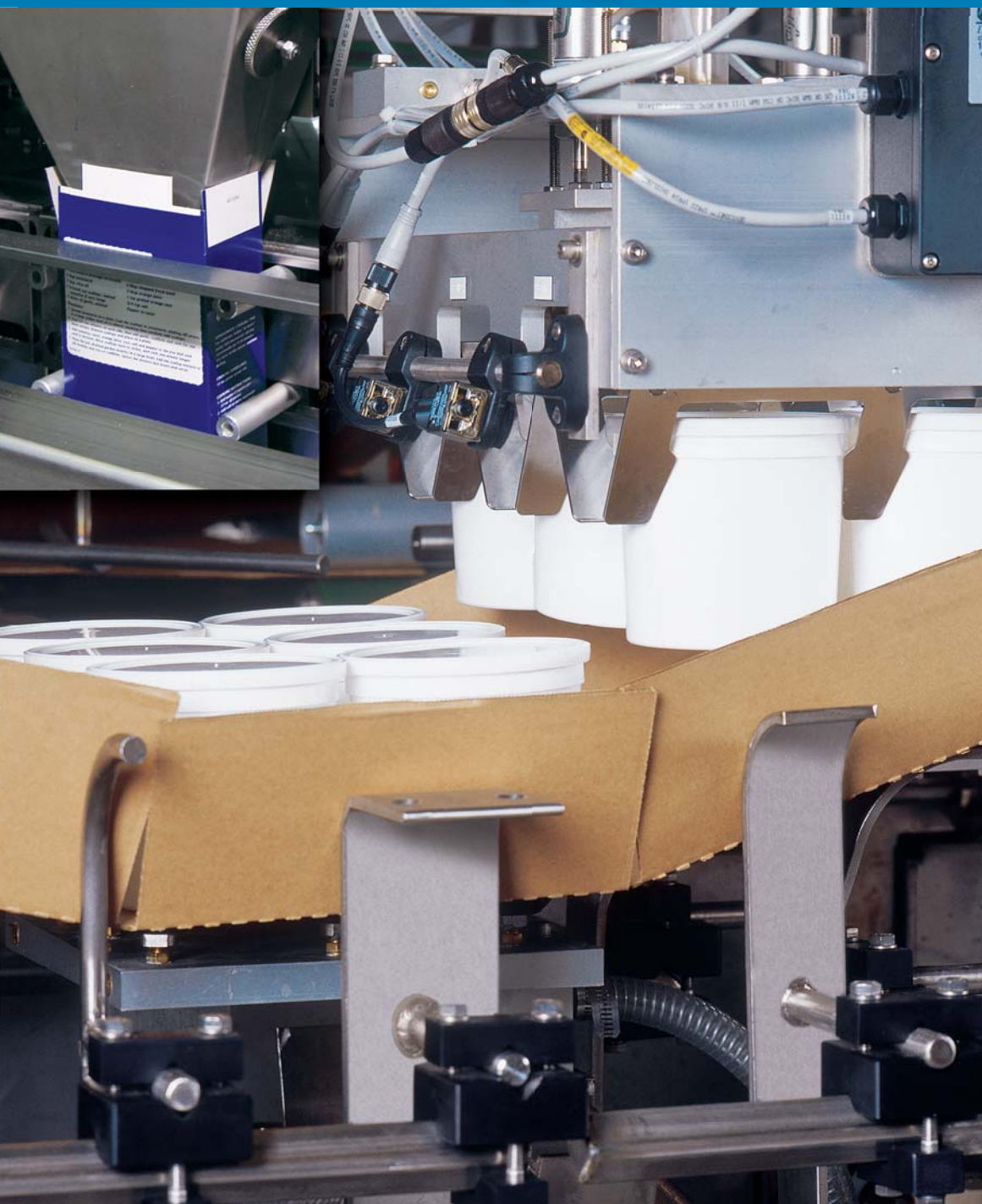




Innovative Packaging Automation



Customer Satisfaction



At SWF Companies, our objective is to be the “Supplier of Choice”. We focus on customer satisfaction by delivering quality products, on-time, to customer specifications.

While their products may be different, leading manufacturers and marketers of consumer and industrial goods share many common expectations from their suppliers. Shorter cycle times, lower cost, innovative engineering and technology, speed to market and flexibility are all key expectations of our customers and rightfully so. Our job is to position our products, deliver our service and organize our business to help meet these expectations.

We believe that Customer Satisfaction is achieved by focusing on three specific core competencies that form SWF’s “Triangle of Success”. Dedication to continuous improvement in these three elements - Advanced Engineering Concepts, Superior Customer Support and Agile Manufacturing – have helped position SWF Companies as a leader within the packaging machinery industry today and will further improve our service to customers in the years ahead.

“Advanced Engineering Concepts” focuses on developing and keeping pace with new technologies, product enhancements and new product development. It also entails cost reduction through design, parametric modeling and lean initiatives. Furthermore, we are partnering with preferred suppliers that are dedicated to providing innovation, cost-competitive solutions and additional engineering support.

SWF’s “Superior Customer Satisfaction” initiatives rely heavily on our Global Technical Support (GTS) team, with dedicated resources for service, parts production, technical support and existing product upgrades.

“Agile Manufacturing” embodies our lean initiatives. This includes our 6-S program (sort, straighten, scrub, safety, standardize, sustain) and improved materials management and purchasing. Furthermore, enhanced product design, machining and assembly are also part of agile manufacturing, supported by our investment in leading manufacturing technologies such as laser cutting, CNC break and CNC milling. These investments help us reduce part cost and quantity to simplify manufacturing, assembly and support of our products.

The “Triangle of Success” is a daily focus at SWF. These initiatives support achievement of critical success factors - reduced cycle time and first pass yield (Doing things right the first time!) – that help our customers reach their goals.

Global Technical Support

Timely and professional service, parts, and technical support is essential to 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 and cross training for all SWF product lines.

Asset Renewal Program

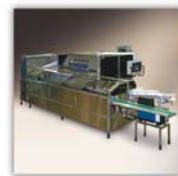
SWF equipment is built to last, and can often be rebuilt, upgraded and/or converted to meet the challenges of today’s packaging applications. If your capital plans include sourcing new equipment to replace an aging SWF machine, consider the potential capital savings that can be afforded by SWF’s **Asset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

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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Overview

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 over 18,000 innovative packaging automation solutions to customers in over 70 countries.

SWF maintains two manufacturing locations within the United States, one in Chicago IL and its headquarters in greater Fresno CA. Total manufacturing and assembly floor space exceeds 175,000 square feet, providing ample capacity to fulfill sizable project requirements.

With over 60 engineers and a technical support staff dedicated to providing cost-effective designs, from the simplest to the most complex packaging application, SWF boasts resources that few can match. Our primary and secondary packaging solutions are among the most sophisticated and through the support of our Fortune 200 parent, Dover Corporation, this dedication will not waver.

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.

Throughout our history, SWF has been a pioneer in the development of packaging designs and machinery and a driving force during a period of rapidly changing applications, materials, and requirements. 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 packaging solutions.

SWF's beginnings, however, can be traced back to 1946, when Buster Paxton invented the first automated nailing machine for wooden produce boxes to serve farmers and food processors in California's San Joaquin Valley. For nearly 20 years, the majority of the nation's fruits and vegetables were shipped in wooden boxes formed by Paxton's machine, commonly known as "the General." In the mid-1960s, the development of "hot-melt" adhesives spawned the rapid conversion from wood to corrugated shipping containers and Paxton's General Nailing Corporation capitalized on this opportunity to design all-mechanical corrugated packaging machinery, which quickly gained a worldwide acceptance. In 1971, the General Nailing was acquired by Southwest Forest Industries and its name was subsequently changed to SWF Machinery in 1974.

Looking to complement its tray and bliss forming product lines, SWF acquired Dyna-Pak Corporation, an innovator in flexible bag case packing serving the French fry industry, in 1995. Throughout the 1980s, Dyna-Pak introduced a range of products, including a case opener/positioner, high-speed flat packing, stand-up pouch packing and case/tray lidding. Today, SWF has furthered this position as the market leader in vertical case packing in the frozen potato and IQF (individual quick frozen) vegetable markets. In 1996, SWF acquired McDowell International Packaging Systems, thereby adding a complete line of RSC case erecting machines to its product offering. Established in 1977, McDowell serviced the RSC case erector/bottom sealer needs of Florida's fresh fruit market and in 1980, expanded its market focus to include the blow-molded plastics industry with a line of bottle packers, unpackers, and sealers. Over the years, customer demand also led McDowell into the development of case sealers and drop packers.

Closely following the McDowell acquisition, Dover Diversified, Inc. (a Dover Corporation subsidiary) purchased SWF as a stand-alone platform company in late 1997. On the heels of Dover's purchase, SWF acquired Padlocker (an ITW Company) in 1998. Padlocker, with a history dating back to 1953, allowed SWF to expand its RSC corrugated product line by offering high-speed case erectors and random sealers. Also in 1998, SWF acquired Tri-Sterling, Inc. and subsequently added a targeted line of case packing solutions.

In 2000, SWF acquired Yakima Wire Works, Inc., a leading manufacturer of automatic bagging equipment for sensitive fruit and other non-produce applications, and Salwasser Manufacturing Co., Inc., a leading manufacturer of integrated case packaging equipment of more than 50 years. Salwasser specialized in integrated case packing solutions for the paper, dry goods and toiletries markets.

SWF's most recent acquisition was Tisma Machinery Corporation in 2001. Tisma, with more than 25 years experience, is a leading provider of horizontal and vertical cartoning machinery, with emphasis on high speed applications for the food, cosmetic and confectionery markets.

SWF, through our own product development initiatives and acquisitions of product lines or companies that are logical extensions, is dedicated to reaching our long-term goal of being a single source of supply for integrated packaging lines that will meet the needs of customers worldwide.



Forming, Erecting and Sealing Solutions for Secondary Packaging

The roots of SWF Companies can be traced directly back to the produce industry some 50 years ago, 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 formed and glued corrugated boxes.



Through a series of technological advancements, design improvements and strategic acquisitions, SWF now has well over 8,000 forming, erecting and sealing machines operating throughout the world.



TF 400V
Compact and Portable
Tray Former

Today, SWF Companies' forming, erecting and sealing solutions are known worldwide and include a vast array of tray, bliss, RSC, HSC, FOL and RPC package designs. These systems provide versatile automation solutions for any budget and are capable of forming, erecting and sealing hundreds of common and unique package designs.

Because many SWF machines were originally designed to package produce, they feature small

footprints for easy portability and work extremely well within harsh production environments.

Simple, yet rugged designs make these machines easy to operate, easy to maintain and perfect for a variety of industries.



CS 300B
Bag-In-Box
Case Sealer

Operating Speed:

- Bliss / tray forming: Up to 60 cases / trays per minute
- Case erecting: Up to 45 cases per minute
- Case sealing: Up to 50 cases per minute

Package Types:

- Hundreds of case and tray styles for any industry

Features:

- Extremely portable (compact design)
- Quick changeover
- Simple, easy to operate design
- Easy blank loading
- Push button controls
- Rugged construction
- Horizontal or vertical forming



BF 400V
Bliss Former
Accommodates Hundreds
of Case Designs

Advantages:

- Accommodate hundreds of case / tray designs
- No external air requirements (tray and bliss formers)
- Numerous available options
- Small footprints
- Flexibility
- Ease of operation
- Patented technology

Models Include:

- BF 400, TF 200HL, TF 400, TF 600H, CE 100P, CE 109, CE 151, CE 201, CE 601, EL 500, RS 350, CS 100SF, CS 200, CS 300, CS 300B, CS 430TB, CS 440, VL 480

Primary Markets Served:

- Produce
- Poultry, Meat & Fish
- Dairy
- Prepared Foods
- Baked Goods
- Confectionery



CE 151
High Speed
Compact and Portable Case Erector



Case and Tray Packing Solutions

Through various acquisitions, SWF Companies' case and tray packing solutions date almost as far back as our forming, erecting and sealing systems...well over 50 years. Diverse in our offerings, with machines often customized to an application's exact specifications, SWF's case and tray packers are suited for the most simple and the most complex applications.

SWF's case and tray packing solutions can be designed as stand-alone systems, or integrated in various "modules" to form a complete opening, packing and sealing system. For example, our pick-and-place packers are easily integrated with an SWF case erector and sealer to form a complete packing system, while our case openers/sealers (OS Series) coupled with our case loaders (CL Series) also form a fully integrated case packing system.



WP 100
Compact Wraparound Case Packer

Capable of packaging a wide variety of products including bags, pouches, tapered cups, boxes, cartons, bottles, converted paper products and more, SWF's case and tray packers offer unique and gentle

product handling features. These converging, diverging, accumulating, lane dividing and positioning features enable SWF to handle difficult pack patterns, various case and tray sizes and work in conjunction with a wide array of upstream packaging equipment.

SWF case and tray packers utilize several packing methods, including wraparound, drop, pick-and-place, pivot, end, bottom and side load and often feature the latest in robotic and servo technology. Furthermore, many of these machines have ergonomically advanced features to make case and tray blank loading quick and easy.



PL 200
Pivot Loader for Stand-up Pouches

Operating Speed:

- Up to 30 cases / trays per minute

Product Types:

- Various products packaged in cartons, bottles, bags, pouches, tapered cups, boxes, cans and a wide variety of converted paper products

Features:

- Multi-tier stacking capabilities
- Quick changeover
- Rugged and reliable construction
- PLC controls
- Easy case / tray blank loading
- Flexible pack patterns
- Customized designs



TL 100
Pick-and-Place
Case Packer

Advantages:

- Broad range of case and tray styles
- Advanced product handling capabilities
- Compact designs available
- Advanced servo technology
- Stainless steel construction (optional)
- Automatic case / tray positioning
- Simple line integration
- Ability to handle large and small products
- Patented technology

Models Include:

- TL Series, OS Series, CP Series, CL Series, FF & BN Series, AS 100, BL 800, BP 525, DL 100, DP 160, DP 320, PL 200, PL 530, WP 100, WP 300



CL 100C
Semi-Automatic
Case Loader

Primary Markets Served:

- Baked Goods & Snack Foods
- Converted Paper
- Dairy
- Prepared Foods



Horizontal / Vertical Cartoning and Specialty Container Packaging

Our Tisma Division provides an extensive array of horizontal/vertical cartoning and specialty container packaging solutions. From compact and portable semi-automatic cartoners, to machines capable of speeds greater than 1,000 packages per minute, these systems are mechanically simple yet sophisticated to keep pace with today's changing production requirements.



For over 25 years, Tisma has been known throughout the world as an innovative packaging solution provider for a wide range of applications, package sizes and package types. Utilizing over 40 industry-leading worldwide patents, these systems are typically customized to meet a customer's exact specifications.

Many models that are now part of the standard product line began as challenges from customers and led to the development of several competitive advantages. Tisma's first UltraTrack® machine was created

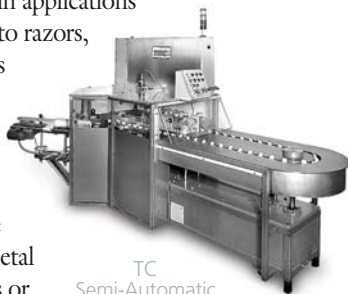


TC 600
Horizontal Servo
Cartoner with Flexo-Tray®

for a candy company that required high output within a small footprint. The first MemoryTrack® was first built for a pet food company looking for a more sophisticated

and intelligent interface with computer scales, while the Flexo-Tray® resulted from a survey of baked goods companies.

Ideally suited for the food, confectionary and pharmaceutical markets, Tisma cartoners have also been used in applications ranging from golf balls and markers, to razors, dust wipes and lipstick. These systems handle a variety of carton types, including flat-blank, gable top, hexagon shaped, lined, folding and flip-top styles. Additionally, Tisma cartoners are easily adapted to handle specialty containers such as plastic/metal dispenser, paper or plastic tubes, glass or plastic bottles, pucks and tins.



TC
Semi-Automatic
Vertical Cartoner

Operating Speed:

- 1,000+ cartons per minute, to manually loaded semi-automatics

Product Types:

- Gum, mints, hard candy, pasta, frozen dinners, cans, yogurt in tubes, golf balls, facial tissue, markers, pens, lip stick, syringes, bottles, crackers, cookies, etc.

Features:

- Counter, volumetric and weighing filling
- Quick changeover
- Stainless steel construction
- Numerous infeed types
- Simple, easy to operate designs
- Various carton closing and sealing methods
- PLC Controls
- Rugged and reliable construction

Advantages:

- Easy integration with SWF case packers
- Broad range of carton and specialty container styles
- Advanced product handling capabilities
- High production speeds
- Advanced servo technology
- Simple line integration
- Mechanically simple designs
- Patented technology
- Compact designs

Models Include:

- TC 50, TC 60, TC 100, TC 400, TC 600, TC 912, TC 1100

Primary Markets Served:

- Baked Goods & Snack Foods
- Confectionery Products
- Pharmaceuticals
- Prepared Foods



TC 400
Vertical Cartoner
with Scale Interface



TC 100
High Speed
Vertical Cartoner



Bagging

SWF Companies' bagging systems are semi or fully automatic baggers designed to reduce or eliminate manual labor and automate the entire bagging process.

Easily integrated with existing scales and counting machines, or with SWF's multiple scale system, these baggers are microprocessor controlled, feature multiple dump capabilities and include bag closing systems.



MS 450
Multiple Scale
Features Soft Fill
Capabilities

Operating Speed:

- Up to 40 bags per minute

Product Types:

- Fresh fruits, vegetables, bagels, garbage bag rolls and a host of other items

Features:

- Wicketed or mesh bags
- Bagging by weight or count
- Size range from small kiwis to large grapefruit
- Digital operator interface
- Handle large capacity bags

Advantages:

- Compatible with any scale, sorter or counter machine
- Compact design
- Bag weights up to 50 lbs.
- Mixing multiple products into a single bag
- Gentle product handling
- Eliminates the need for a check weigher
- 3-Tray feed systems for use with automatic sorter units



BU 930
Fills Wicketed Bags
Up to 20lbs.

Models Include:

- BU 800, BU 930, MS 450

Primary Markets Served:

- Poultry, Meat & Fish
- Produce



For more information, fill out the form below and fax to 559.638.7478 or visit our web site at www.swfcompanies.com and complete the literature request form.

Name: _____

Company: _____

Address: _____

City: _____ State/Province: _____

Country: _____ Postal Code: _____

Phone Number: (_____) _____

E-mail Address: _____

VERTICAL TRAY FORMING (TRAYS PER MINUTE)

- _____ Up to 60 _____ Up to 20 (RPC style trays)
_____ Higgins lock/self-locking trays

HORIZONTAL TRAY FORMING (TRAYS PER MINUTE)

- _____ Up to 20 (one-piece corner post)
_____ Up to 35 (small to medium corner post)
_____ Up to 40 (common footprint)

CASE ERECTING (CASES PER MINUTE)

- _____ Up to 20 _____ Up to 30 (bliss style cases)
_____ Up to 20 (case erector / ladder)
_____ Up to 30 (BIB cases) _____ Up to 45

CASE SEALING / LIDDING (CASES PER MINUTE)

- _____ Up to 35 (side flange cases)
_____ Up to 30 _____ Up to 30 (BIB cases)
_____ Randon sizes _____ Up to 30 (lidding)
_____ Glue sealing _____ Tape sealing

CASE / TRAY PACKING (CASES/TRAYS PER MINUTE)

- _____ Up to 15 (pick and place bottle packing)
_____ Up to 15 (bottom loading)
_____ Up to 15 (opening / positioning)
_____ Up to 30 (opening / sealing)
_____ Up to 30 (loading)
_____ Up to 30 (wraparound packing)
_____ Up to 25 (drop packing - bottles)

_____ Up to 50 placements per minute (pick and place packing)
_____ Up to 95 lifts per minute (product stacking / loading)
_____ Up to 100 bags per minute (vertical packing flexible bags)
_____ Up to 150 units per minute (vertical packing of pouches)
_____ Up to 240 bags per minute (flat packing flexible bags)
_____ KD case feed systems

VERTICAL CARTONING (CARTONS PER MINUTE)

- _____ Up to 140 CPMs _____ Up to 300 CPMs
_____ Up to 750 CPMs _____ Up to 1000 CPMs

HORIZONTAL CARTONING (CARTONS PER MINUTE)

- _____ Up to 60 CPMs _____ Up to 500 CPMs

SPECIALITY PACKAGING

- _____ Lined Cartons _____ Specialty Packages
_____ Flip-Top Cartons

BAGGING (BAGS PER MINUTE)

- _____ Up to 15 (20 lb. max) _____ Up to 40 (20 lb. max)
_____ Multiple scale system

MARKET & SPECIALTY BROCHURES

- _____ Prepared Foods _____ Confectionery
_____ Produce _____ Dairy
_____ Converted Paper _____ Poultry, Meat & Fish
_____ Bag-In-Box (BIB) _____ Baked Goods & Snack Foods
_____ SWF Overview _____ Automation Solutions Group

_____ Complete Literature Pack