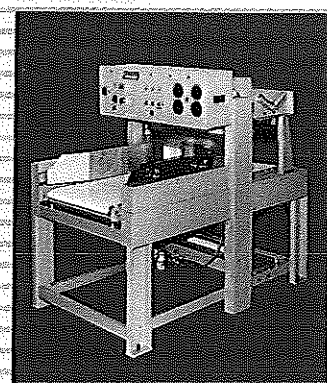
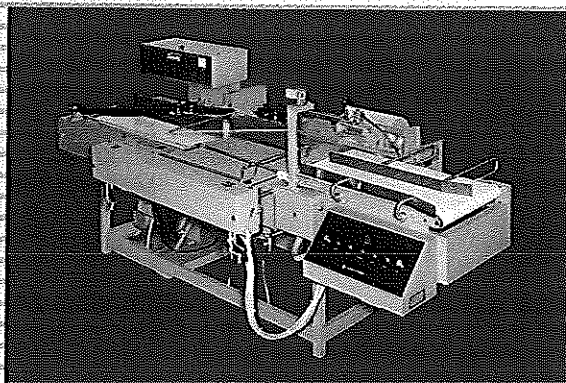
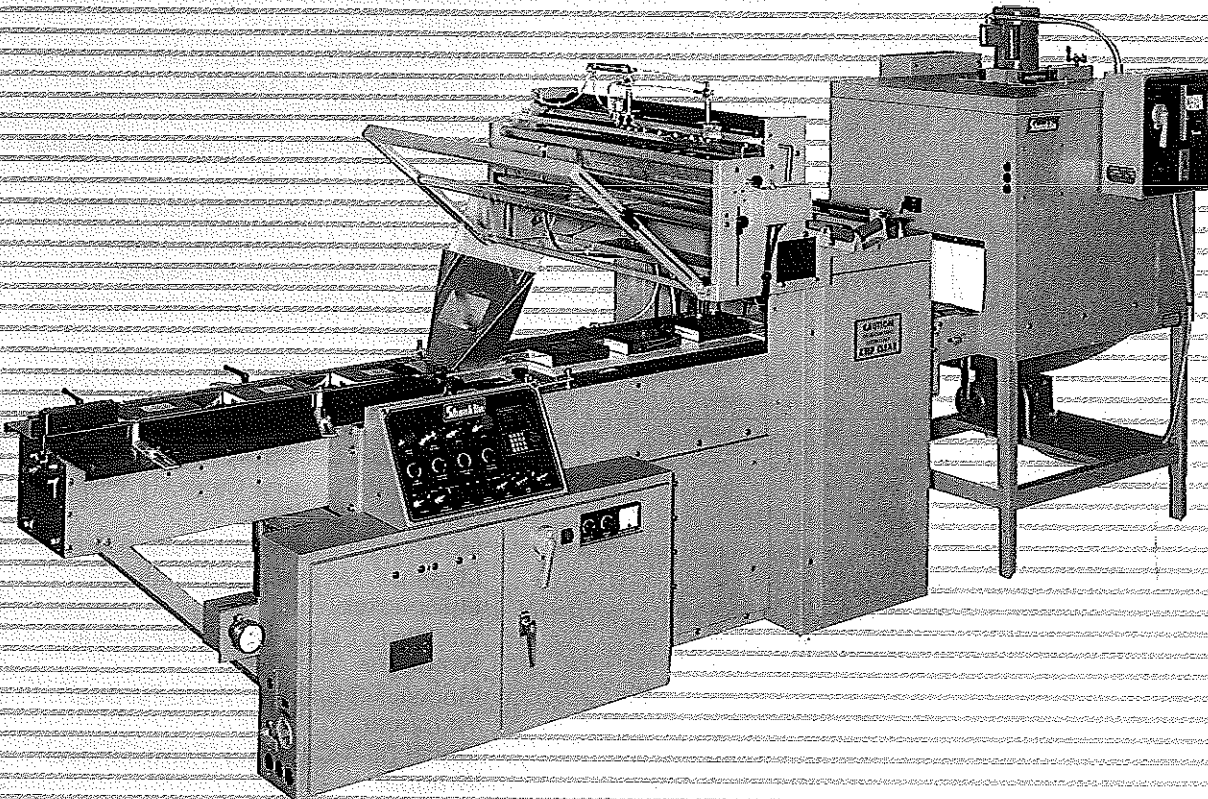




Quality Shrink Packaging Machinery



SHANKLIN DISTRIBUTORS

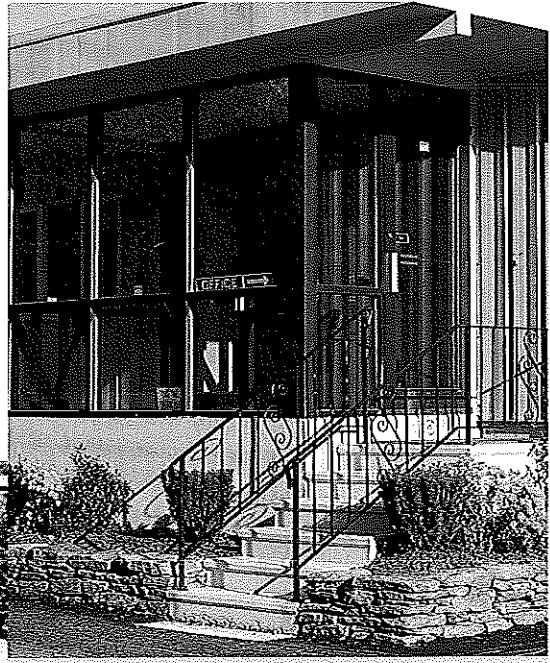
Shanklin Packaging Machines are sold and serviced by a nationwide network of distributors who are knowledgeable and experienced in the shrink packaging industry. Call us at (508) 772-3200 for further information and for the name of the distributor nearest to you.

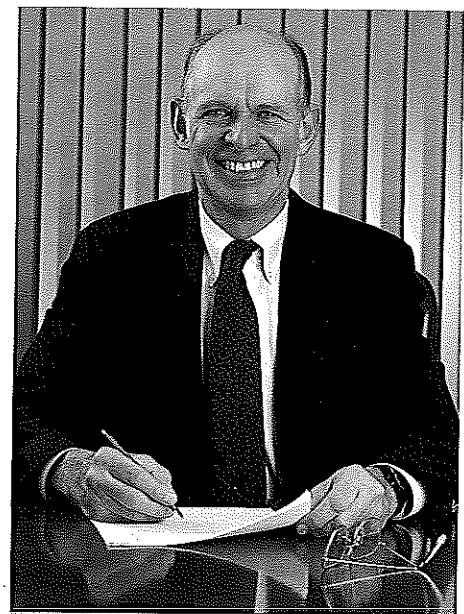
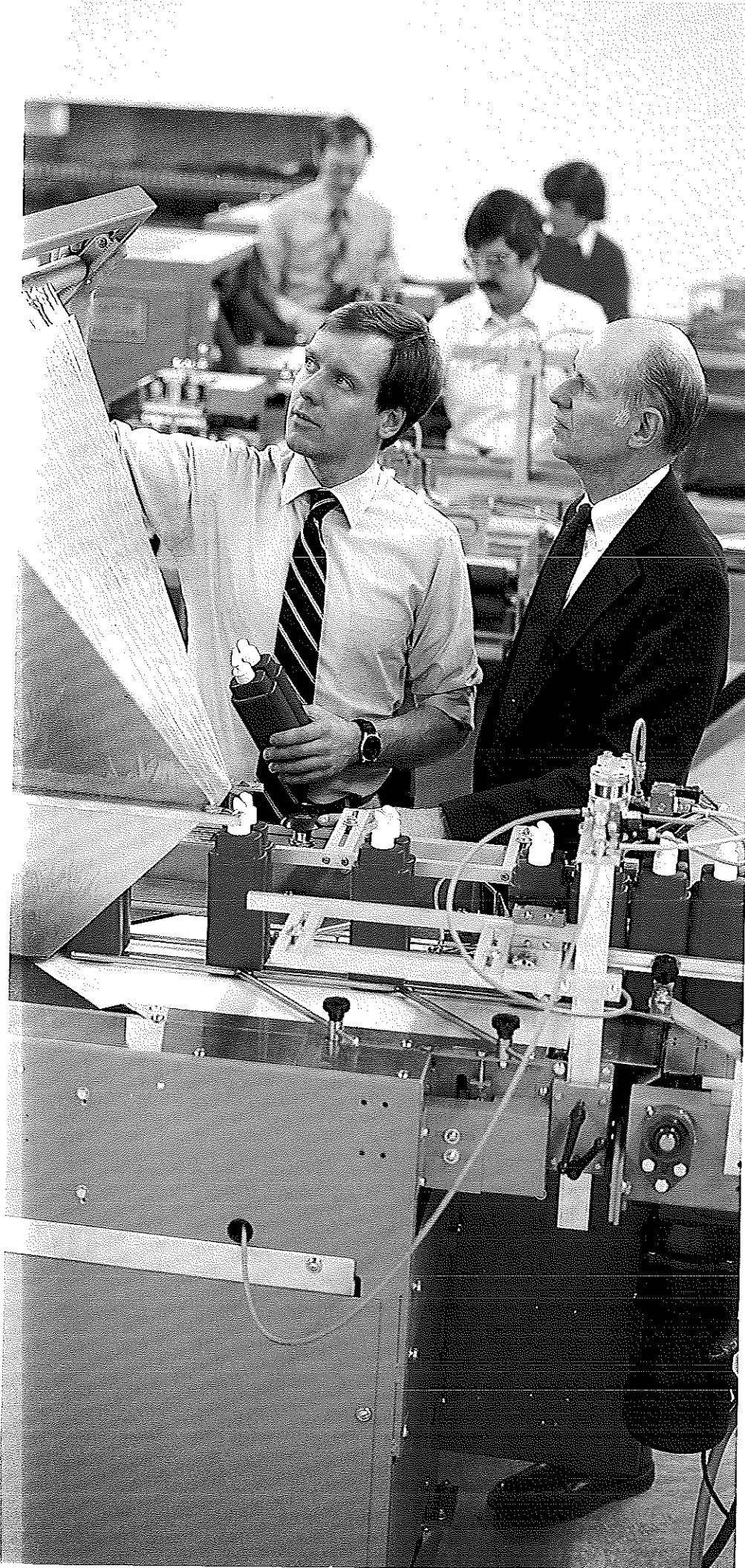
Shanklin Packaging Machinery is manufactured under one or more of the following U.S. Patents: 3,312,811, 3,490,981, 3,583,888, R30,010, 4,035,983, 4,219,988, 4,339,093, 4,419,855, 4,447,284, 4,537,016, 5,097,939, and Pending.

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Shanklin **CORPORATION**

*Designers And Manufacturers
Of Shrink Packaging Machinery*





OUR COMPANY

In 1961 my father, Dunbar L. Shanklin, and I founded a company dedicated to engineering excellence in the packaging industry. During the early years we performed consulting research for clients in several areas of packaging technology. Today our engineering excellence has created a superior line of shrink packaging machinery which is produced in our modern, well-equipped factory.

Our New England location has been one of the keys to Shanklin's success. The heritage of this region inspires innovation and nurtures skilled craftsmen who take pride in their work. Our company continues this tradition, and a touch of "Yankee Ingenuity" is engineered into each Shanklin Shrink Packaging Machine. Our goal is for each of our machines to be the finest of its type in the industry.

All of us at Shanklin are dedicated to this goal. Our engineering team is continually refining existing machines, and we enjoy the challenge of designing new machines as packaging technology moves forward. The mechanics in our shop take pride in making precision parts and assembling them into machines which meet our exacting specifications. And our technicians carefully evaluate each machine to ensure that it is operating properly before it leaves our plant.

Today, a third generation of Shanklin family in management adds fresh vitality to our company. But our objective is still the same: To excel in the design and manufacture of shrink packaging machinery.

Garrett Shanklin

F. Garrett Shanklin
Founder

ENGINEERING

Shanklin Corporation was founded on its engineering excellence. Since our beginning, Shanklin machines have incorporated a blend of creative ingenuity tempered by sound engineering design. Shanklin engineers are responsible for designing or selecting the high quality components that are assembled into each machine. They continually strive to improve existing machines, and they enjoy the challenge of designing new machines as technology moves forward. Our engineers are committed to keeping us the leader in shrink packaging technology.

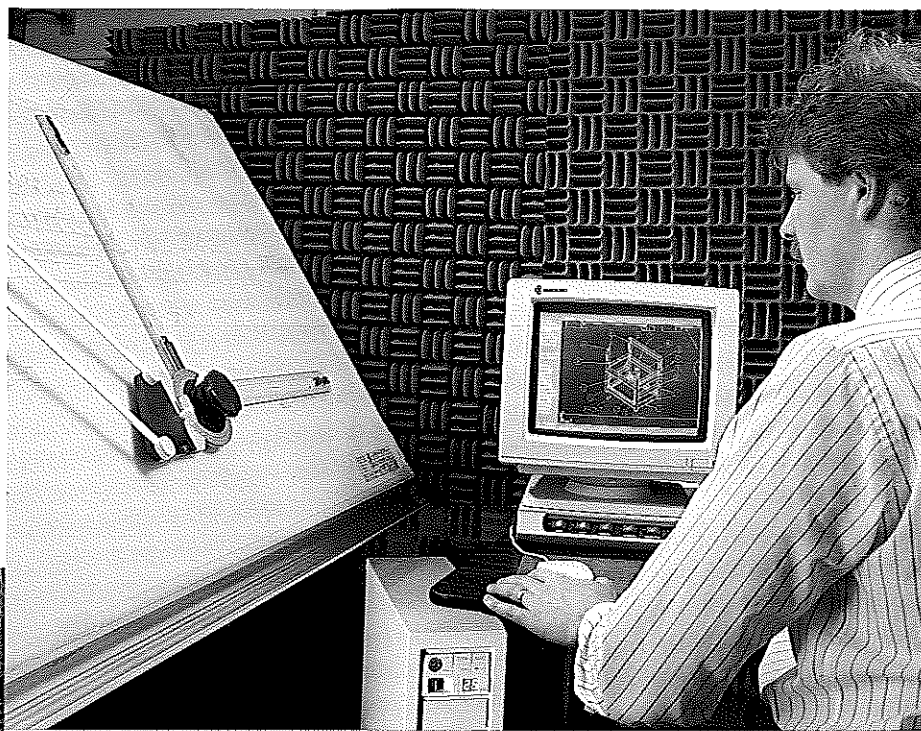
Our engineering department has played a major role in building the Shanklin reputation for quality packaging machines. And today, Shanklin engineering excellence sets the standard throughout the shrink packaging industry.

***Our machines are
a blend of creative
ingenuity and
sound engineering.***

COMPUTERIZATION

State-of-the-Art computers are an integral part of Shanklin's operation. CAD/CAM systems assist our engineers in designing our machinery and in writing the manufacturing programs. The extensive use of CNC (Computer Numerical Control) machine tools increases the efficiency of our shop while helping to assure the production of uniformly high quality parts.

Information processing and retrieval are instantaneous, thanks to our Manufacturing Systems Computer. When a machine is ordered, our computer helps our people to acknowledge the order, print the Bill of Material, check inventory for parts, and order needed parts. It also assists our Production personnel in tracking the machine as it proceeds through the shop.



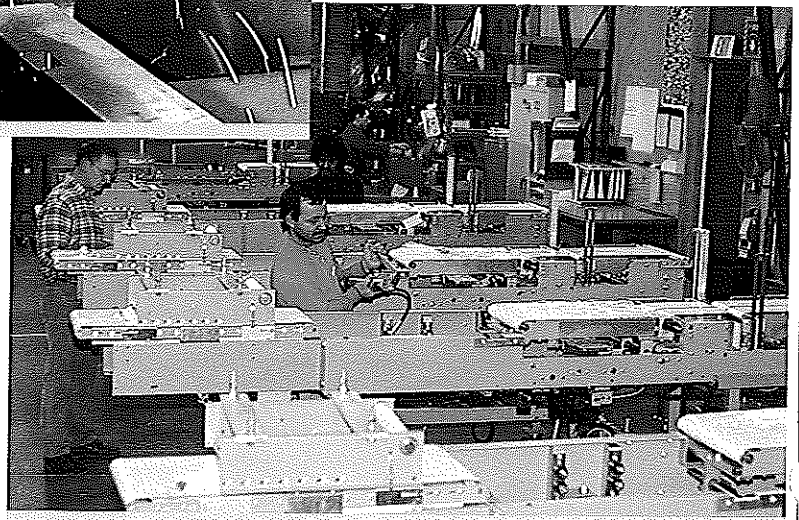
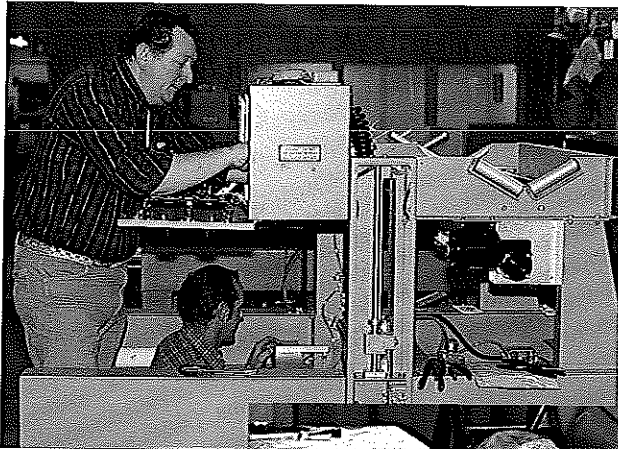
CRAFTSMANSHIP

Shanklin has trained a dedicated force of skilled craftsmen who take pride in their ability to produce superior machines. Most of the specially manufactured parts that go into Shanklin machines are produced in our own factory and the extensive use of computer controlled machinery helps to ensure maximum quality at minimum cost.

Shanklin machines are assembled by highly skilled mechanics who make sure that every machine is built according to our exacting specifications. Then, every Shanklin machine is checked out and run by one of our top-rated mechanics to ensure that it will operate properly before it is shipped.

PARTS SERVICE

Shanklin Parts Service is an important benefit that comes with every Shanklin machine. Our Parts Department stocks an extensive inventory of replacement parts. In-stock parts are shipped within 24 hours after receipt of the order, and all back-ordered replacement parts are rushed through our shop on a priority basis. Our aim is to keep all Shanklin machines running properly all the time.



DISTRIBUTORS

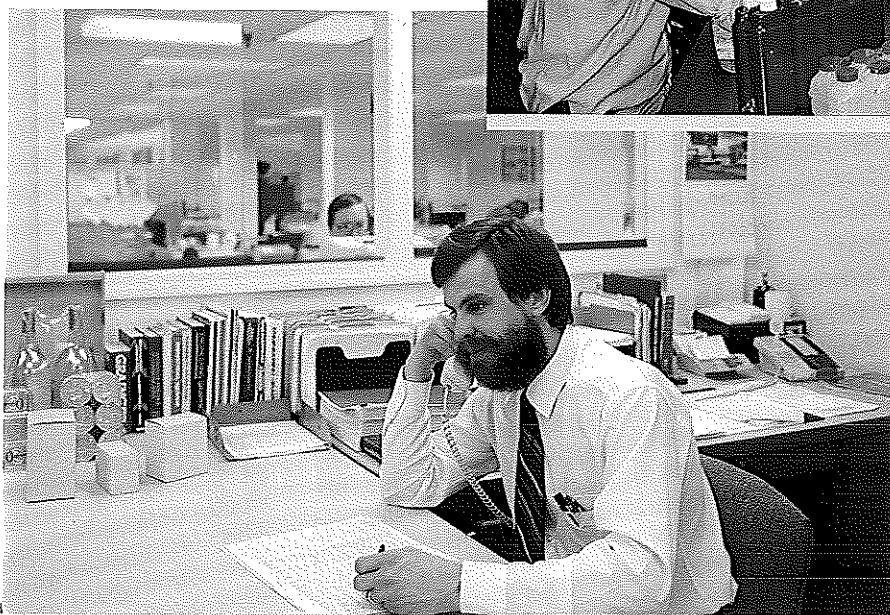
Shanklin distributors play an important role in assuring that our customers receive the utmost performance from their Shanklin machines. Our distributor, with his extensive experience in all phases of shrink packaging, will help you determine which Shanklin machine is best for you. In fact, he will put the entire system together for you, including wrapping film, machinery and accessories.

When you receive your new machine, your local Shanklin distributor will be able to assist you with installation, start-up service, training, and whatever on-going service you may need to help you keep your line running in tip-top condition for years to come.

DISTRIBUTOR SUPPORT

We at Shanklin recognize the importance of giving our distributors the best possible support. We maintain and operate a technical service department for the expressed purpose of assisting our distributors in the application and maintenance of Shanklin machines. Distributor training programs are scheduled frequently in our plant, enabling our sales specialists and technical service personnel to share with our distributors the knowledge that they have acquired during their many years of experience in the shrink packaging industry.

***Our distributor will put
the entire system
together for you.***



Shanklin L-SEALERS

Model S-23, S-23A and S-23B L-Frame Sealer

- Manual Operation
- Sealer Size—20"W x 17"L
- Speed—15 to 20 packages per minute
- Floor Space—3' x 5' approximately

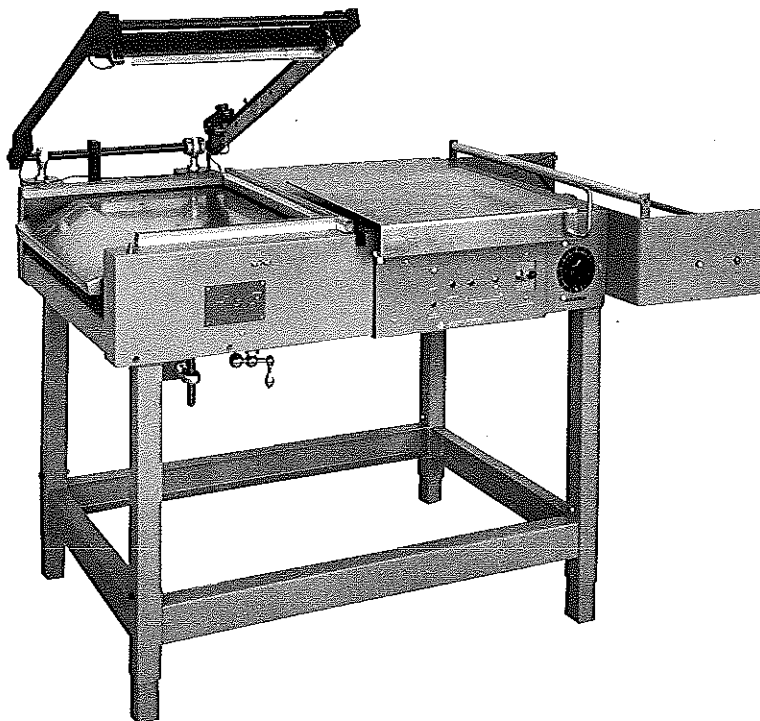
The Model S-23 is an inexpensive, hand operated machine for wrapping packages in center-folded film. The operator inserts the product into the film and on to the sealing table; lowers the sealing arm; and holds it closed while the seal is being made. The film dispenser is equipped with a spring-loaded dancer roll to take up starting inertia. The height of the sealing table is adjustable so that seals occur at the center line of the package.

Model S-23 sealers can be converted to Models S-23A or S-23B Semi-Automatic Sealers at any time. Model S-23A includes a timer-controlled, air-magnetic latching mechanism which clamps the sealing arm closed and holds it while seal is being made. Model S-23B operates the same as Model S-23A but also includes an automatic package ejector.

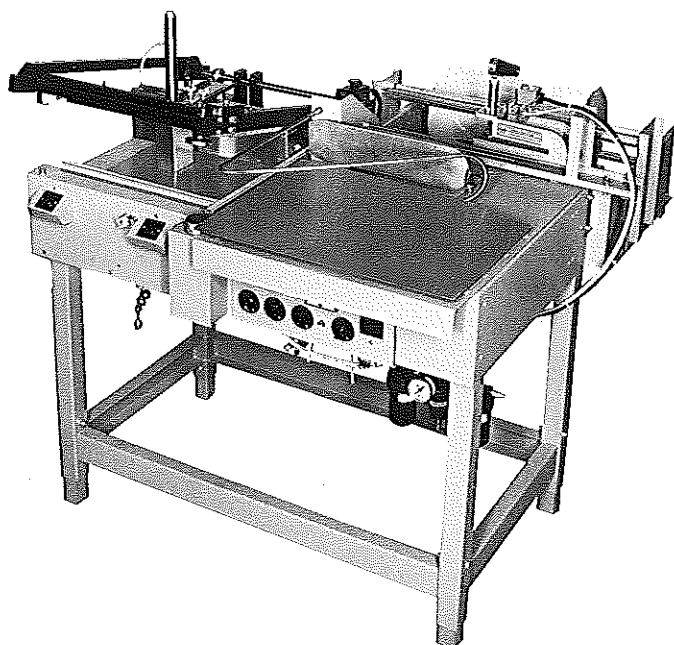
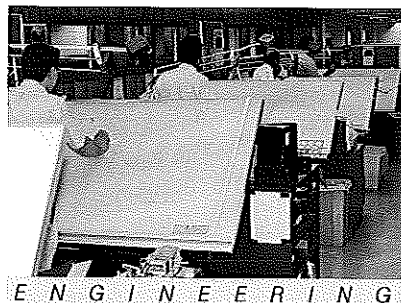
Model S-23C High Production L-Sealer

- Semi-Automatic Operation
- Sealer Size—12½"W x 17"L
(19"L available)
- Speed—20 to 30 packages per minute
- Floor Space—4' x 4' approximately

The Model S-23C is a compact, productive machine with speeds approaching those of fully automatic L-Sealers. Center-folded film is dispensed from a power unwind, over and through the film inverting head which turns the film inside out and leaves an opening for product insertion. Operation is simple . . . with one smooth motion, the operator inserts the product into the film and on to the seal area and then presses the "SEAL" buttons. Film unwind, sealing, discharge conveyor, and hole punch are all automatic. The Model S-23C is ideal for applications that require straight-line product flow and high production at a lower cost than fully automatic equipment. A package ejector can be installed in place of the discharge conveyor.



*Our engineers
are dedicated
to maintaining
leadership in
shrink packaging
technology.*



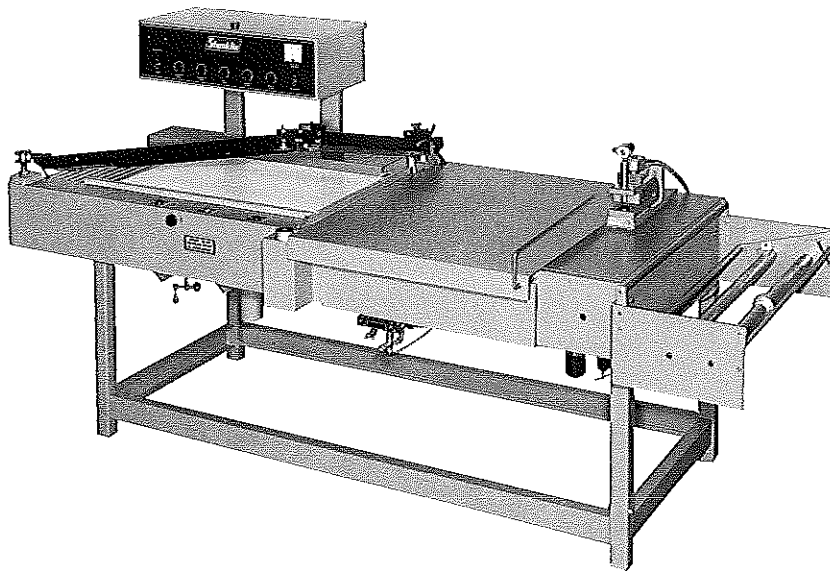
Shanklin L-SEALERS

Model S-24 L-Sealer

- Semi-Automatic Operation
- Sealer Size—21"W x 33"L
(40"L available)
- Speed—15 to 20 packages per minute
- Floor Space—3½' x 8½' approximately

The Model S-24 L-Sealer features simple design and quality components to ensure that uniformly strong seals are made every time. Center-folded film is dispensed from a surface unwind unit and the folds of the film are separated so that the layers pass over and under the loading table. In operation, the operator inserts the product into the film, and moves it onto the discharge conveyor. The operator presses the "SEAL" buttons causing the sealing arm to lower to make the seal. The discharge conveyor removes the package to the shrink tunnel when the seal is complete.

The Model S-24 can be converted to an S-24C machine in the field.

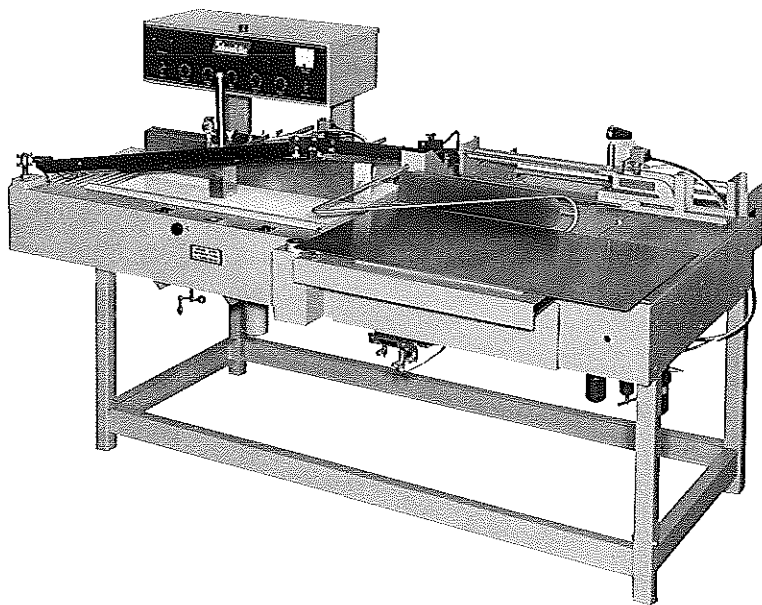


Model S-24C High Production L-Sealer

- Semi-Automatic Operation
- Sealer Size—15"W x 33"L
(20"W and 40"L available)
- Speed—20 to 30 packages per minute
- Floor Space—4½' x 7' approximately

The Model S-24C is built for applications that require packaging line speeds approaching those of fully automatic sealers but where equipment cost is a factor or where the product does not lend itself to automatic handling. Center-folded film is dispensed from a power unwind over and through the film inverting head leaving an opening into which the product can be inserted. With one smooth motion, the operator inserts the product into the film and on to the sealing area and then presses the "SEAL" buttons. The seal is made and, as the sealing arm raises, the package is automatically conveyed to the shrink tunnel.

The Model S-24C can be converted to a Model A-22 automatic machine by a Shanklin trained mechanic.



*CAD/CAM systems
assist our engineers
in designing our
machinery and
in writing the
manufacturing
programs.*

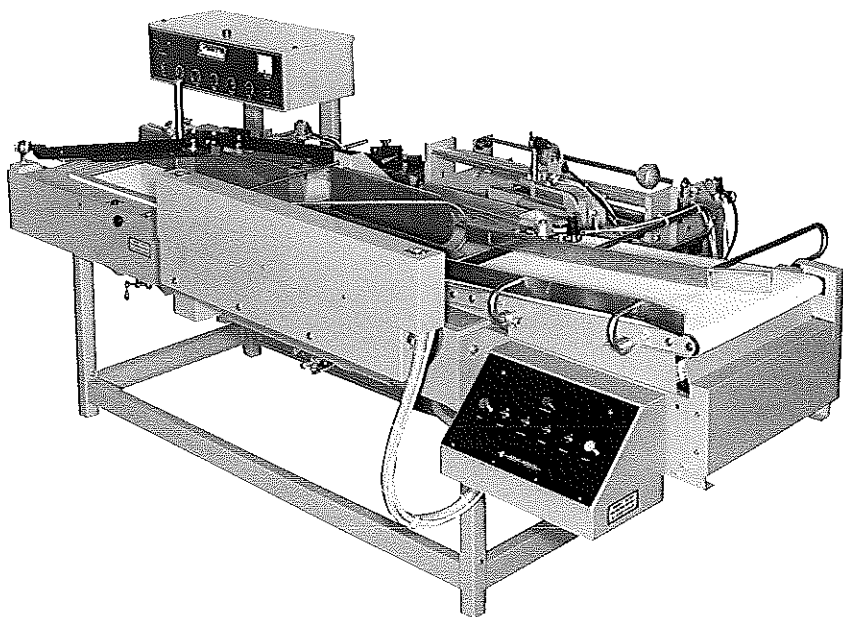


Shanklin AUTOMATIC L-SEALERS

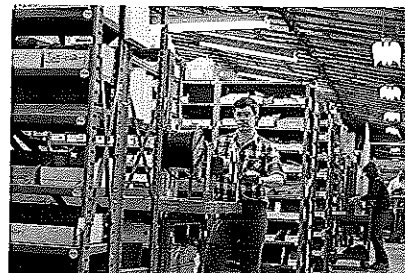
Model A-22 Automatic L-Sealer

- Fully Automatic Operation
- Sealer Size—15"W x 33"L
(18"W available)
- Speed—30 to 35 packages per minute
- Floor Space—5' x 9'

The Model A-22 is a versatile fully automatic machine that features straight-line product flow. Center-folded film is dispensed from a power unwind to the film inverting head which turns the film inside out leaving an opening for product insertion. With each machine cycle, the infeed conveyor brings the product to the insertion arm and stops. The insertion arm advances the product into the film and on to the discharge conveyor and then returns to receive another product. The sealing arm closes to seal the package. When the seal is completed, the arm opens and the discharge conveyor carries the package to the shrink tunnel. Meanwhile the next product is being fed into the insertion and sealing stations of the machine automatically. The machine does not require a continuous flow of product for proper operation. Changeover takes only minutes.



*In-stock parts
are shipped within
24 hours A.R.O.
from our
extensive inventory.*

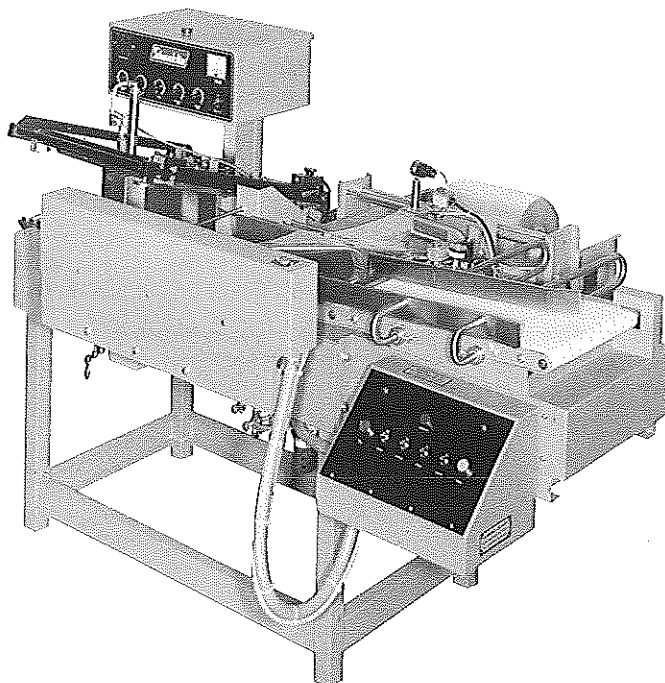


PARTS SERVICE

Model A-23 Automatic L-Sealer

- Fully Automatic Operation
- Sealer Size—12½"W x 17"L
(19"L available)
- Speed—up to 40 packages per minute
- Floor Space—4½' x 5½'

The Model A-23 is a compact machine for wrapping small-sized products at high production speeds. Operation is the same as Model A-22 (listed above) except that the machine has smaller size capability and can achieve higher speeds while requiring less floorspace. The Model A-23 is an extremely versatile machine, yet it is only slightly larger than a semi-automatic L-Sealer, enabling it to fit easily into most existing packaging lines. Changeover to different package sizes takes only minutes.

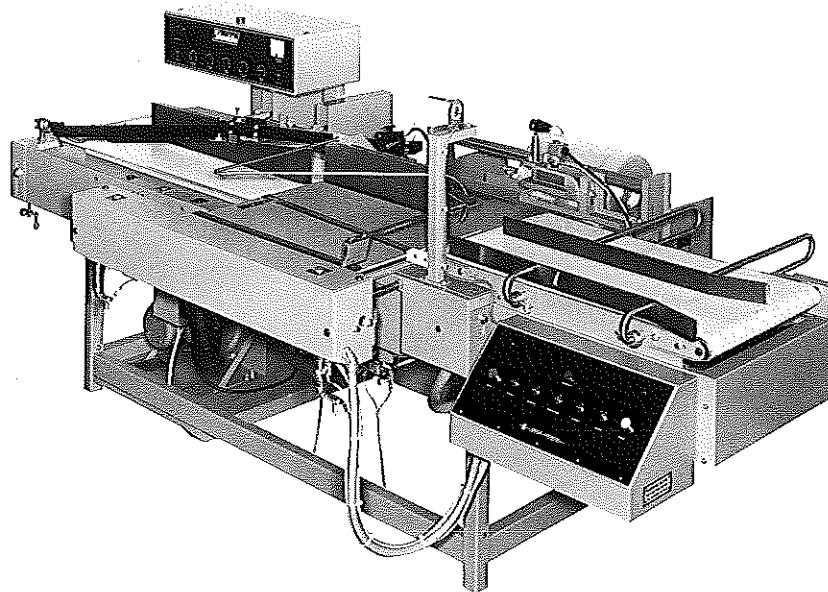


Shanklin AUTOMATIC L-SEALERS

Model A-25 Smooth Transfer Automatic L-Sealer

- Fully Automatic Operation
- Sealer Size—17"W x 33"L
(19"W available)
Max. product height is 5"
- Speed—18 to 25 packages per minute
- Floor Space—5½' x 9½' approximately

This Model is built specifically to handle wrapping applications that require gentle handling such as loose reams of paper, stacks of notebooks and loose product on trays. The infeed conveyor smoothly feeds the product in a straight line onto an air insertion table which provides a cushion of air upon which the product travels. An insertion arm advances the product into the seal area, while a cam on the air table tucks the product back into the centerfold for a tight wrap. The discharge conveyor raises to the level of the insertion table as the product is transferred, and then lowers when the seal is made so that the seal occurs at the center of the package. As the insertion arm returns to its starting position, it withdraws from the product area permitting another product to be conveyed into the machine.



Most of the specialized parts that go into Shanklin machines are produced in our own factory.

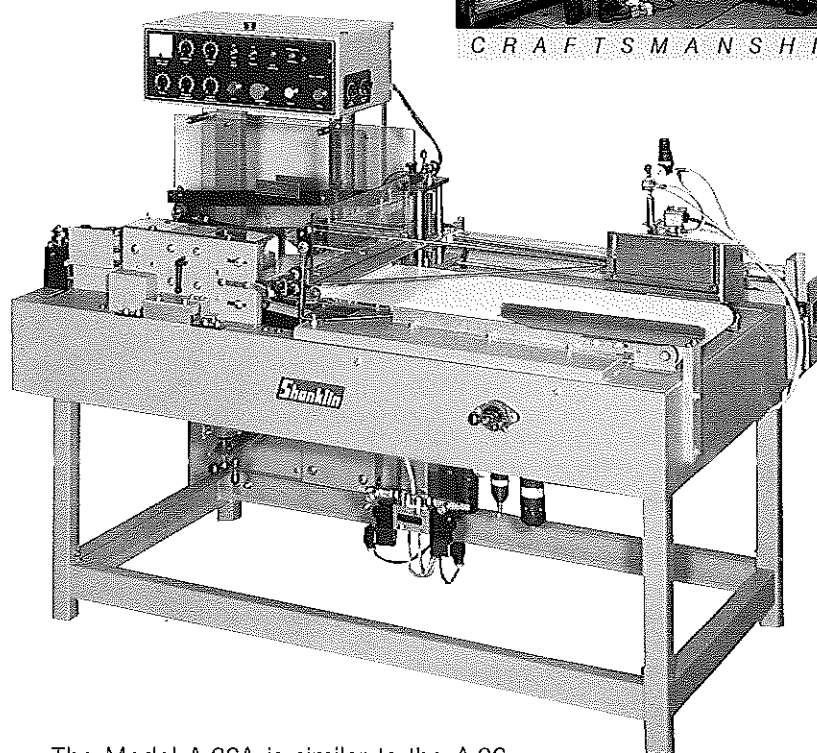


Models A-26 and A-26A Automatic L-Sealers

- Conveyor Fed Automatic Operation
- Positive Film Feed
- Sealer Size—15"W x 21"L
Maximum product height is 4" approximately
- Speed—up to 25 packages per minute
- Floor Space—4½' x 5½' approximately

The Model A-26 Automatic L-Sealer was developed for those applications which require a positive film feed to draw product into the seal area. Such applications include flexible products which do not have sufficient stiffness to advance the film and stacked product such as sheets of paper.

Product to be wrapped is fed into the machine on the infeed conveyor, and as it transfers to the seal jaw area, the discharge conveyor and the film advance mechanism automatically start to draw the film and the product into the sealing area. Once the product is in place, both conveyors stop, and the sealing mechanism makes its seal. When the seal jaws open, the discharge conveyor carries product off to a shrink tunnel while the infeed conveyor feeds new product into the machine.



The Model A-26A is similar to the A-26 except that the A-26A has adjustable height seal jaws and film feed to better accommodate higher profile products.

Shanklin SPECIAL PURPOSE L-SEALERS

Model S3-CDA, USDA Approved; High Production L-Sealer

- Semi-Automatic Operation
- Sealer Size—12½"W x 17"L
(17"W and 19"L available)
- Speed—20 to 30 packages per minute
- Floor Space—4' x 4' approximately

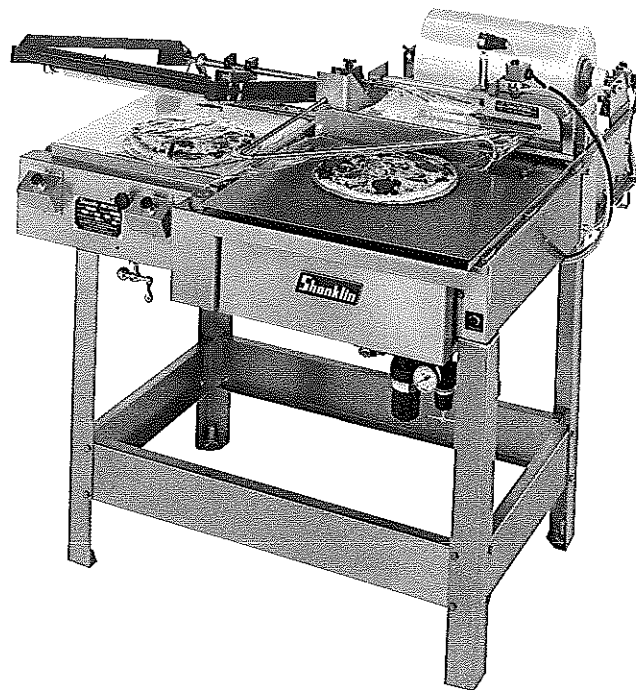
The Model S3-CDA was designed specifically to meet the exacting requirements of food processing plants, and is U.S.D.A. approved for that use. The basic construction is stainless steel for easy wipe-down cleaning. Electrical components are shielded to protect them from overspray when steam cleaning the processing area.

Center-folded film is dispensed from a power unwind and passes over and through a film inverting head which turns the film inside out leaving an opening for product insertion. With one smooth motion, the operator inserts the product into the film and on to the sealing area, and then presses the "SEAL" buttons. Film unwind, sealing head, sealing cycle and product discharge are fully automatic.

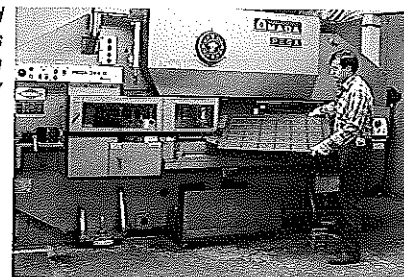
Model S-5CL Large Capacity, High Production Sealer

- Semi-Automatic Operation
- Sealer Size—30"W x 54"L
- Speed—10 to 20 per minute
- Floor Space—5½' x 9½' approximately

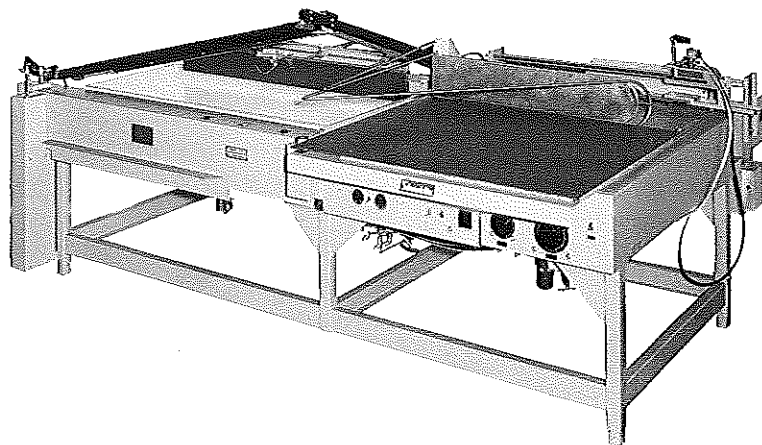
The Model S-5CL is a semi-automatic high production L-Sealer designed especially to shrink wrap extra large packages and extra heavy packages. Center-folded film is dispensed from a power unwind and passes over and through the film inverting head which turns the film inside out and leaves an opening for product insertion. With one smooth motion, the operator inserts the product into the film and moves it into the sealing area. During this operation, the discharge conveyor runs to help transport the product, and it stops automatically when the product is located in the sealing area. The operator then initiates the sealing cycle. After the seal is made, the package is automatically conveyed to the shrink tunnel. An air table loading tray is available for heavy products.



*Computer controlled
machine tools
assure the production
of uniformly
high quality parts.*



CNC MANUFACTURING



Shanklin AUTOMATIC MULTIPACKERS

Model M-22 Automatic Multipacker

- Fully Automatic Operation
 - Maximum Bundle Size—
15"W x 15"L x 8"H
(15"W x 24"L x 8"H multi-stroke)
 - Speed—20 to 25 bundles per minute
 - Floor Space—6½' x 8½'*
- *Exclusive of infeed conveyors

The Model M-22 Automatic Multipacker consists of a specially modified S-24C High Production L-Sealer on which has been installed an automatic right angle accumulating infeed for orienting and grouping a series of products.

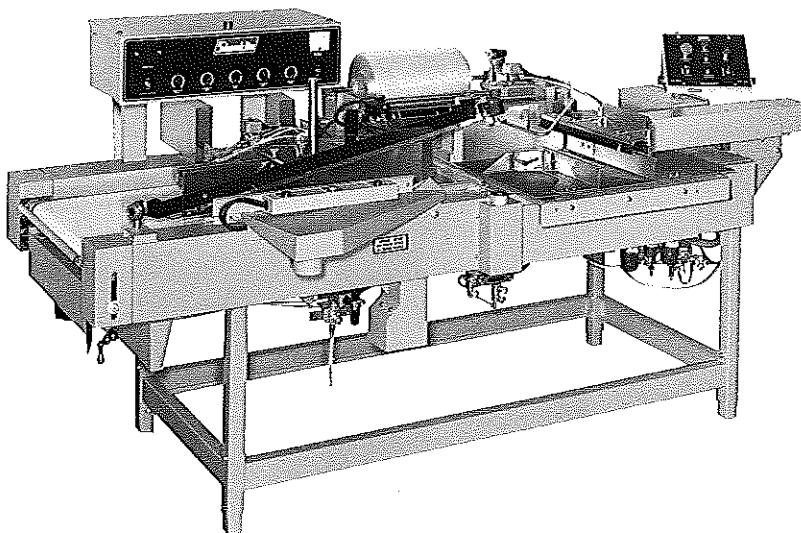
The basic components of the infeed are a product feeding conveyor, an accumulating conveyor, and a specialized right angle inserting unit for feeding the grouping of products into the sealing areas. Accessories available include right-angle transfer mechanisms, product up-enders, product up-stackers, and special product accumulating conveyors.

Model F-1M and F-3M Automatic Multipacker

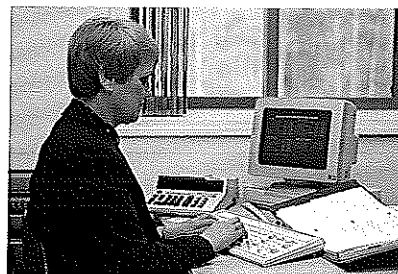
- Fully Automatic Operation
 - Maximum Bundle Size—
16"W x 15"L x 6"H
(horizontal seal jaws)
8"W x 15"L x 10"H (vertical seal jaws)
(Size limited by interdependent dimensions)
 - Speed—35 to 45 bundles per minute
 - Floor Space—4' x 9'*
- *Exclusive of infeed conveyors

The Models F-1M and F-3M Multipackers consist of specially modified F-1 and F-3 Form-Fill-Seal machines onto which has been installed a multipacking infeed. Systems to enhance the transfer of small products and products standing on end (such as bottles or jars) have been incorporated into the machines.

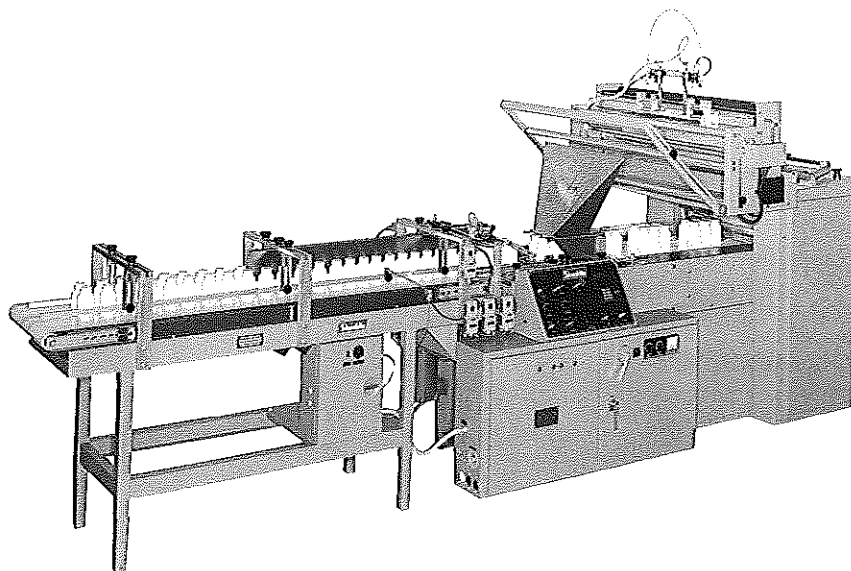
Product is brought into the machine, preferably on a specially designed Shanklin Accumulating Conveyor (accessory). The F-1M or F-3M separates groupings of products and overwraps the grouping. Product flow through the machine is in a straight line, and single or multiple lanes of product can be grouped. Horizontal or vertical jaw type machines are available. Accessories include product accumulating infeed conveyors, product lane dividers, product up-enders and up-stackers.



*Information
processing
and retrieval are
instantaneous,
thanks to our
Manufacturing
Systems Computer.*



COMPUTERIZATION



Continuous Flow Multipackers

Shanklin High Speed and Form-Fill-Seal Wrappers equipped with Synchronic Infeeds, Timing Screw Infeeds, and specially modified Harmonic Infeeds can also multipack product. See Page 19 for details.

Shanklin FORM-FILL-SEAL WRAPPERS

Models F-1 and F-5 Form-Fill-Seal Wrappers

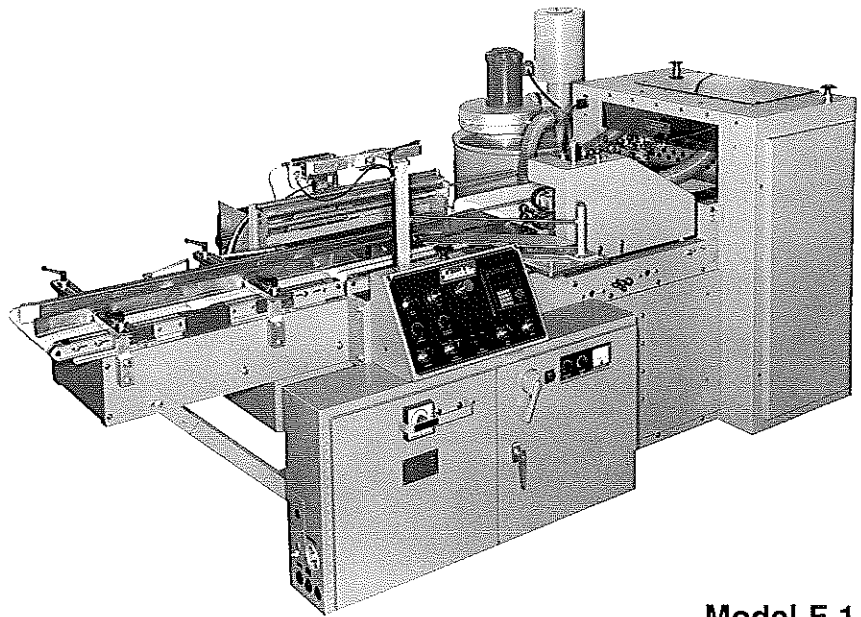
- Fully Automatic Operation
- Package Size —
 - F-1: 1/2"W x 4"L x 1/8"H min* to 16"W x 48"L x 6"H max** (96"L to 144"L available with infeed and discharge conveyor modifications)
 - F-5: 1/2"W x 3"L x 1/8"H min* to 16"W x 48"L x 6"H max**
 - *May require some modifications
 - **Maximum circumference cannot exceed 38"
- Speed —
 - F-1: up to 50 packages/min or 60 linear ft/min
 - F-5: up to 75 packages/min*
 - *Max. 90 linear ft/min
- Floor Space —
 - F-1: 4' x 11' approximately
 - F-5: 4' x 11' approximately

The Models F-1 and F-5 Form-Fill-Seal Wrappers wrap product with neat welded bead seals on three sides of the package and no overlap across the bottom. The F-1 and F-5 use readily available center-folded film (an optional Center-folder is available). The Film Inverting Head will accept a range of product sizes, and film width is generally not critical. An adjustable inverting head is available to further speed up size changeover. Both machines are controlled by a programmable controller to facilitate trouble-shooting.

The Model F-1 has a belt infeed which accepts product intermittently delivered and randomly spaced, and establishes the correct spacing in the machine by controlling the in-feed belts. Product travel through the machine is in a straight line.

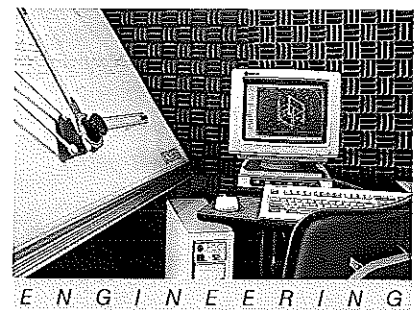
The Model F-5 is equipped with a flighted infeed conveyor which allows a somewhat higher packaging speed than the F-1. In-line and right-angle feeding systems are available for feeding the flighted conveyor automatically. Product travel through the machine is continuous.

Both machines have a traveling end seal, adjustable in height to the centerline of the package to finish the wrap. Harmonic Infeed on the F-5 is available. See page 19 for details.

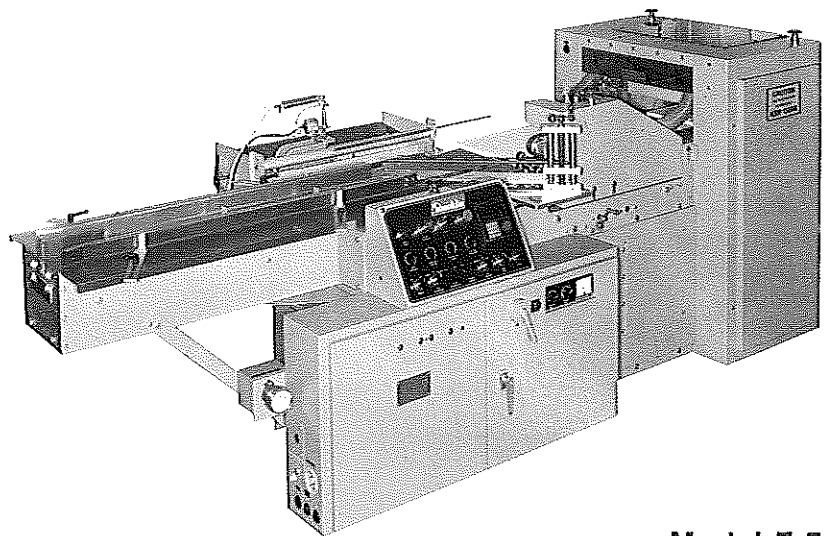


Model F-1

*Our engineering
combines
state-of-the-art
technology with
traditional know-how.*



E N G I N E E R I N G



Model F-5

Shanklin FORM-FILL-SEAL WRAPPERS

Models F-3 and F-4 Form-Fill-Seal Wrappers

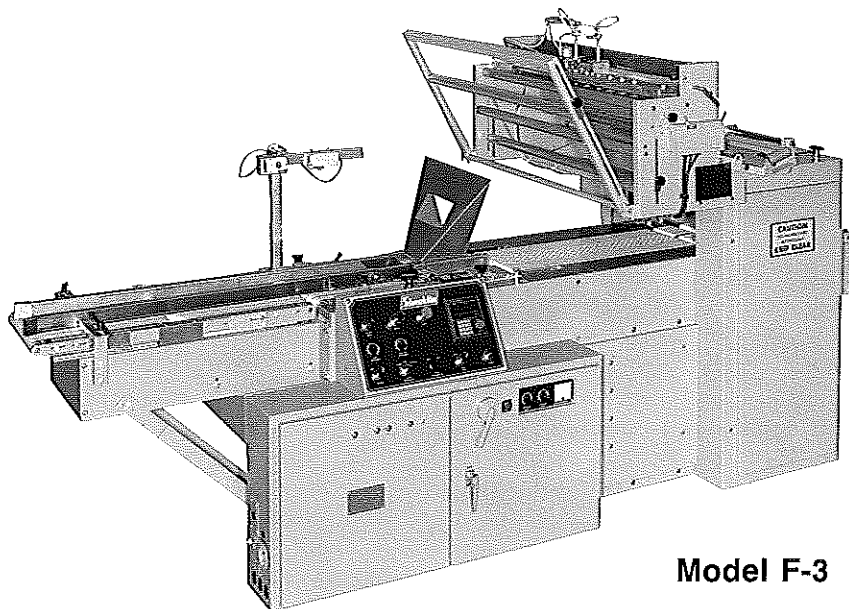
- Fully Automatic Operation
- Package Size —
 - F-3: 1½"W x 4"L x 1/8"H min* to 16"W x 48"L x 6"H max** (96"L to 144"L available with infeed and discharge conveyor modifications)
 - F-4: 1½"W x 3"L x 1/8"H min* to 16"W x 48"L x 6"H max**
- *May require some modifications
- **Maximum circumference cannot exceed 38"
- Speed —
 - F-3: up to 50 packages/min or 60 linear ft/min
 - F-4: up to 75 packages/min*
*Max. 90 linear ft/min
- Floor Space —
 - F-3: 4' x 11' approximately
 - F-4: 4' x 11' approximately

The Models F-3 and F-4 Form-Fill-Seal Wrappers wrap products in plastic film automatically, and the resulting packages have trim seals on the ends of the packages and a neat overlap seam on the bottoms. The machine uses flat film and there is no selvage trim. Static seal is standard for the bottom overlap seal, and a heat seal is available as an option. Hot wire and hot knife end sealing systems are available. Both machines are controlled by a programmable controller to facilitate trouble-shooting.

The Model F-3 has a belt infeed which accepts product intermittently delivered and randomly spaced, and establishes the correct spacing in the machine by controlling the in-feed belts. Product travel through the machine is in a straight line.

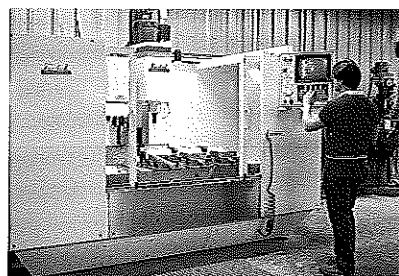
The Model F-4 is equipped with a flighted infeed conveyor which allows a somewhat higher packaging speed than the F-3. In-line and right-angle feeding systems are available for feeding the flighted conveyor automatically. Product travel through the machine is continuous.

Both machines have a traveling end seal, adjustable in height to the centerline of the package to finish the wrap. Harmonic Infeed is available on the F-4. See page 19 for details.

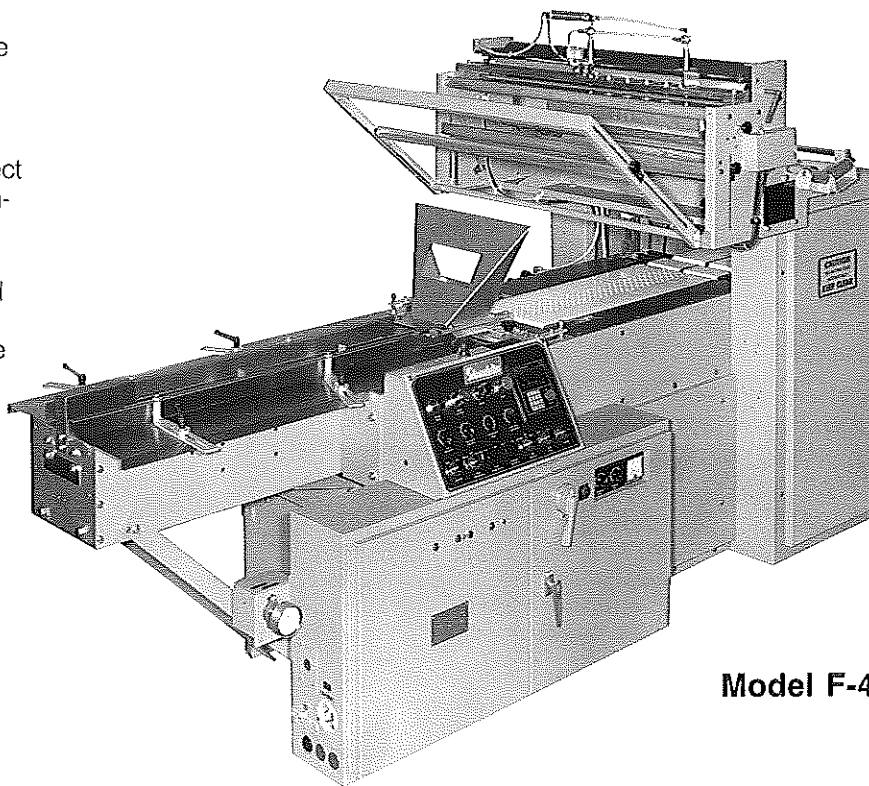


Model F-3

A CNC vertical milling center receives final programming from one of our highly skilled machinists.



CNC MANUFACTURING



Model F-4

Shanklin AUTOMATIC WRAPPERS

Models HS-1 and HS-3 High Speed Automatic Wrappers

■ High Speed Fully Automatic Operation

■ Package Size* —

HS-1: 1/2"W x 3"L x 1/8"H min** to
16"W x 60"L x 6"H max

HS-3: 1/2"W x 2"L x 1/8"H min** to
16"W x 15"L x 3"H max

*Maximum circumference cannot
exceed 38"

**May require special modifications

■ Speed —

HS-1: up to 100 packages/min
or 120 linear ft/min

HS-3: up to 200 packages/min
depending upon product
and application

■ Floor Space — 4½' x 11½' approximately

The Shanklin Models HS-1 and HS-3 High Speed Wrappers wrap products in plastic film automatically at high speeds. The resulting packages have neat trim seals on three sides of the packages; no overlap seams on bottoms or ends.

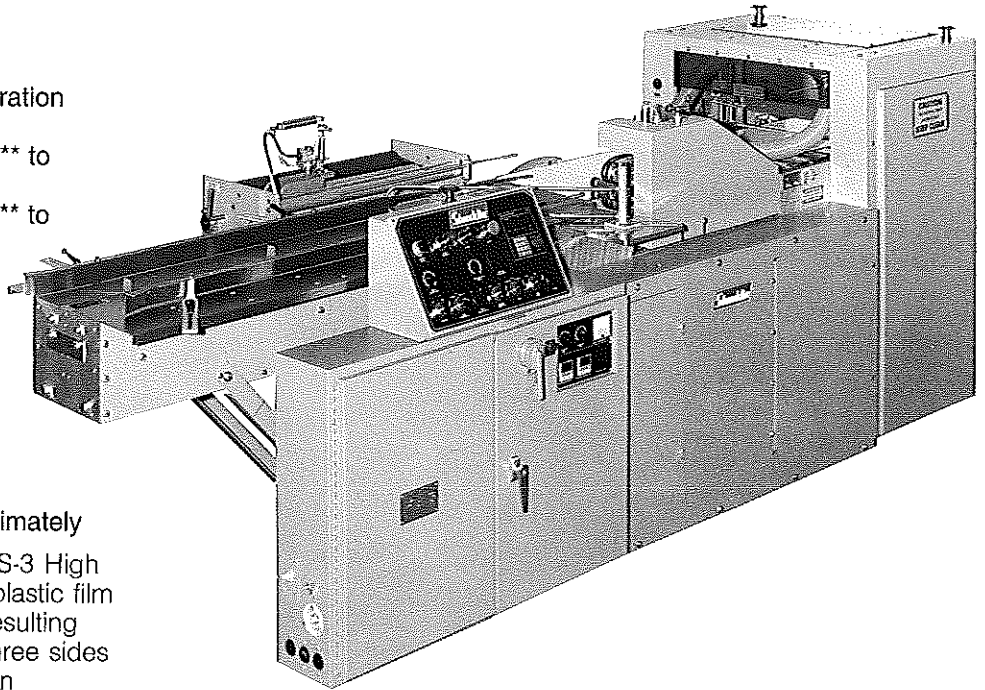
The Models HS-1 and HS-3 are similar in appearance and function. The HS-3 with its high speed gearing can run much faster than the HS-1, but its package size capability is slightly more limited.

Both models are highly versatile and will run equally well at both high and low speeds, and the wrapping speed can be adjusted from the control console to match the speed of the production line. A programmable controller facilitates troubleshooting.

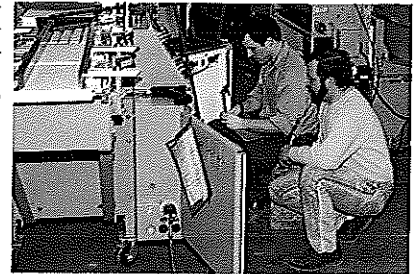
Shanklin High Speed Wrappers are easy to operate, easy to maintain, and easy to change over from one size to another. The HS-1 and HS-3 use readily available center-folded film (an optional Center-folder is available). The Film Inverting Head will accept a range of product sizes, and film width is generally not critical. An adjustable inverting head is available to facilitate changeover.

A wide range of automatic product feeding systems is available for any of the High Speed Wrappers. These include the Harmonic Infeed, the Synchronic Infeed, and the Timing Screw Infeed shown on page 19. Consult factory for details.

Also available in U.S.D.A. approved models.

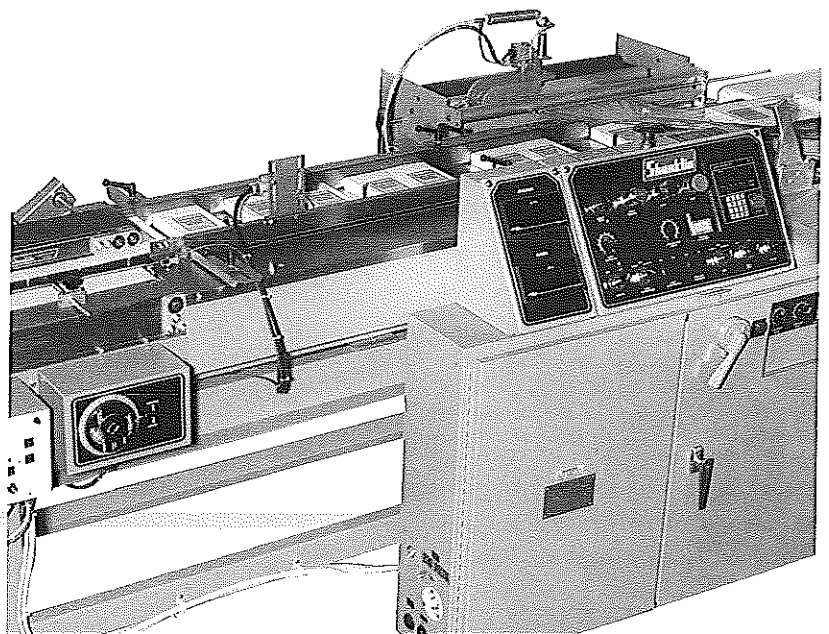


*Every machine is
checked out
and run prior
to shipment, by one
of our top-rated
mechanics.*



CRAFTSMANSHIP

Model HS-3-S with Synchronic Infeed



Shanklin AUTOMATIC WRAPPERS

Models HS-2 and HS-4 High Speed Automatic Wrappers

■ High Speed Fully Automatic Operation

■ Package Size* —

HS-2: 2"W x 3"L x 3/8"H min** to
16"W x 60"L x 6"H max

HS-4: 2"W x 2"L x 3/8"H min** to
16"W x 15"L x 3"H max

*Maximum circumference cannot
exceed 38"

**May require special modifications

■ Speed —

HS-2: up to 100 packages/min
or 120 linear ft/min

HS-4: up to 200 packages/min
depending upon product
and application

■ Floor Space — 4½' x 11½' approximately

The Models HS-2 and HS-4 High Speed Wrappers wrap products in plastic film automatically at high speeds. The resulting packages have trim seals on the ends of the packages and a neat overlap seam on the bottoms. The machine uses flat film and there is no selvage trim. Static seal is standard for the bottom overlap seam, and a heat seal is available as an option. Hot wire and hot knife end sealing systems are available.

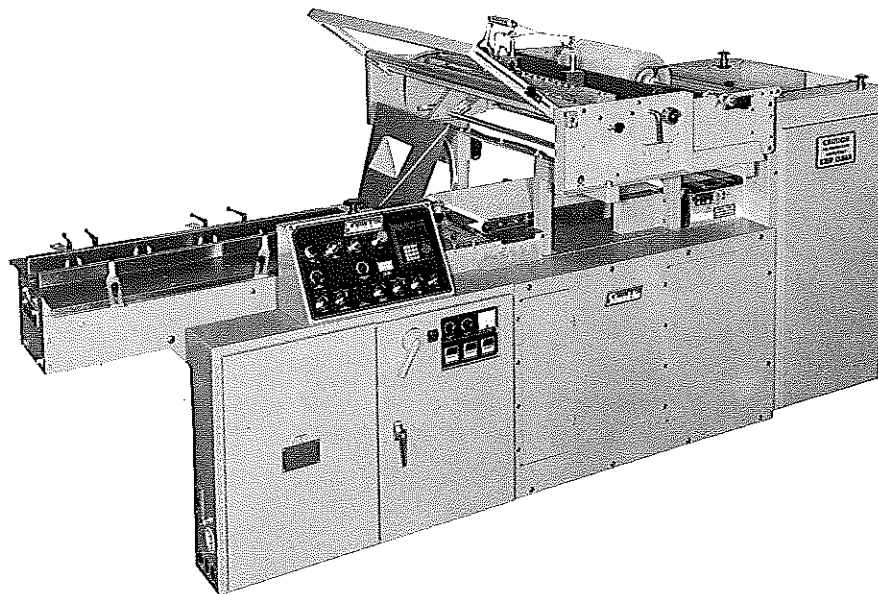
The Models HS-2 and HS-4 are similar in appearance and function. The HS-4 with its high speed gearing can run much faster than the HS-2, but its package size capability is slightly more limited.

Both models are highly versatile and will run equally well at both high and low speeds, and the wrapping speed can be adjusted from the control console to match the speed of the production line. A programmable controller facilitates troubleshooting.

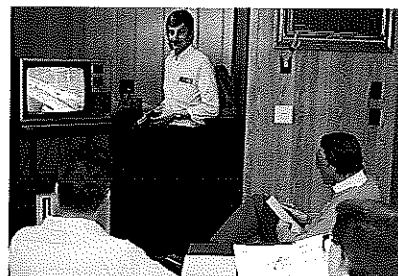
Shanklin High Speed Wrappers are easy to operate, easy to maintain, and easy to change over from one size to another. Quick change forming heads are standard.

A wide range of automatic product feeding systems is available for any of the High Speed Wrappers. These include the Harmonic Infeed, the Synchronic Infeed, and the Timing Screw Infeed shown on page 19. Consult factory for details.

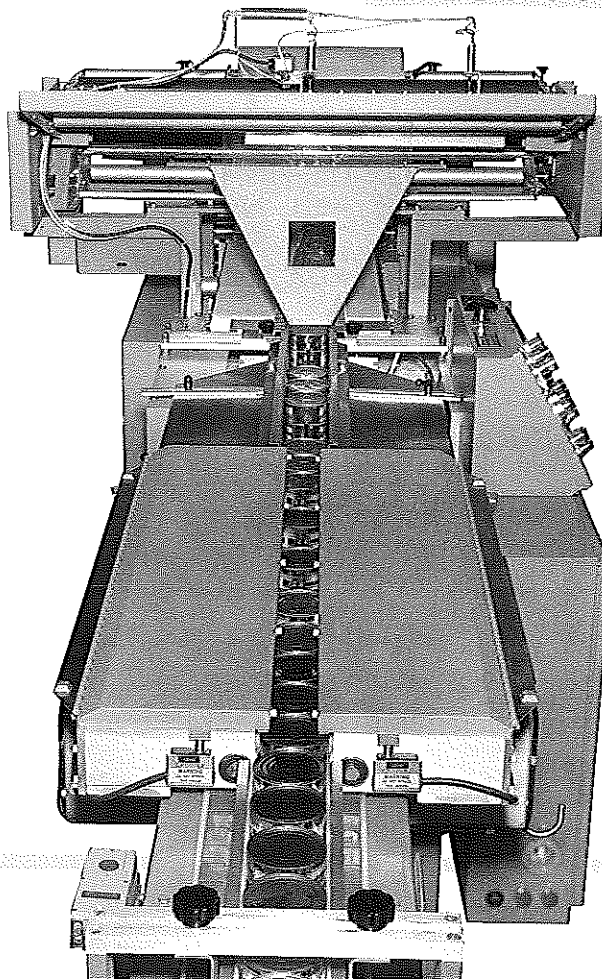
Also available in U.S.D.A. approved models



*Distributors can
take advantage of
technical seminars
held frequently
at our plant.*



SALES SUPPORT



**HS-2 with
Timing
Screw
Infeed**

Shanklin SHRINK TUNNELS

Shrink Tunnels

SHANKLIN Shrink Tunnels are precision machines, quality built for highest performance and dependability. The air velocity and temperature are carefully controlled to favor the wrapping film, and they are maintained uniformly throughout the length and width of the tunnel. When the packages emerge, the film around them has been completely shrunk to a neat, uniform appearance.

Model T-6XL Shrink Tunnel

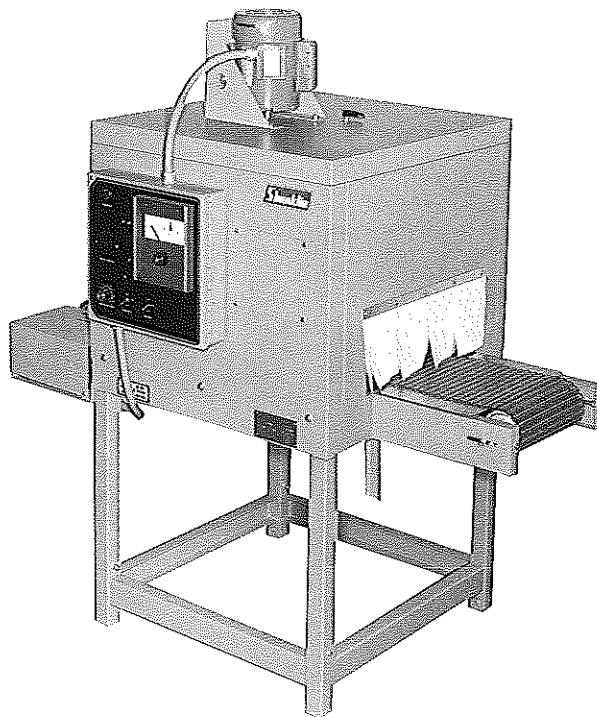
- Tunnel Passage — 7"H x 18"W x 30"L (10"H available)
- Conveyor Speeds — variable 15 to 66 ft/min
- Conveyor Height — adjustable telescoping legs 28" to 40"
- Floor Space — 3' x 5'

The Model T-6XL is a high performance shrink tunnel, ruggedly built, yet available at moderate cost. Operation is simple: set temperature; set conveyor speed; set variable air velocity control; and the Model T-6XL is ready to perform. Control settings are held without need for readjustment.

Model T-7XL Shrink Tunnel

- Tunnel Passage — 4" to 8"H (adjustable) 22"W x 42"L (12"H available)
- Conveyor Speeds — variable 15 to 120 ft/min
- Conveyor Height — adjustable telescoping legs 28" to 40"
- Floor Space — 3' x 5'

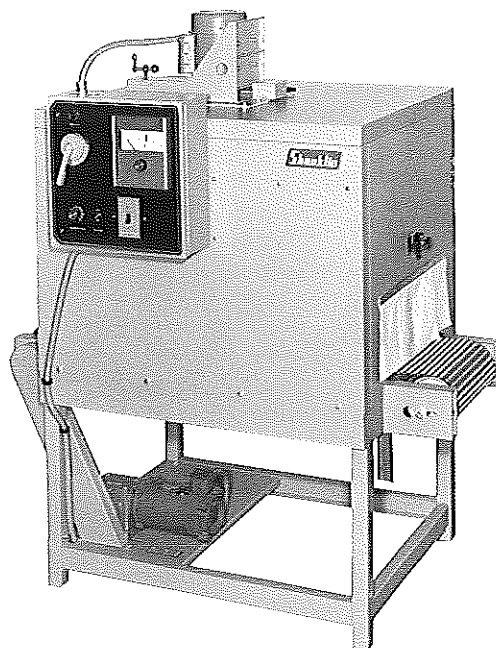
The Model T-7XL Shrink Tunnel is ruggedly built for long life and outstanding performance. The Model T-7XL features an externally adjustable tunnel ceiling height to permit optimum location of the top air jets against the package. The main air velocity in the tunnel is fully adjustable, and the velocity of the top air jets is independently adjustable to facilitate running open top boxes and trays, etc. To operate, set the controls for proper temperature, conveyor speed, air velocity and ceiling height. The Model T-7XL is now ready to run.



Video tapes can show you our machines running product without leaving your office.



SALES SUPPORT

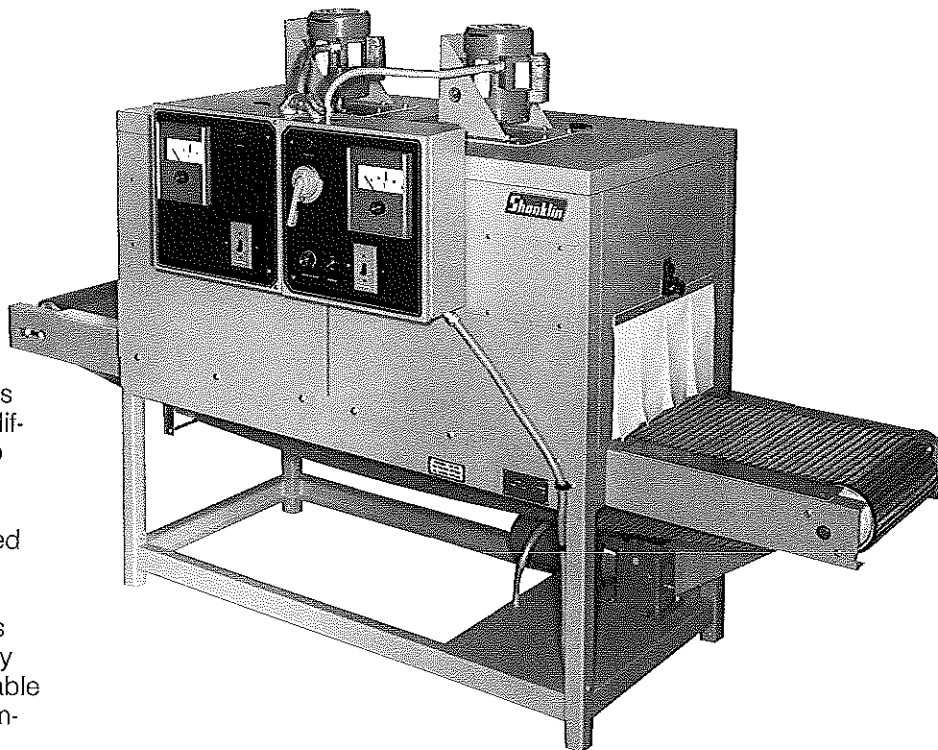


Shanklin SHRINK TUNNELS

Models T-62 and T-72 High Speed Shrink Tunnels

- Tunnel Passage—
T-62: 10"H x 18"W x 61"L
T-72: 8"H x 22"W x 84"L
(two separate shrinking chambers)
- Conveyor Speeds—25 to 140
ft/min variable
- Floor Space (approximately)—
T-62: 3' x 9'
T-72: 3½' x 11'

These high speed, dual-chamber tunnels are specially designed to solve the most difficult shrink problems, such as keeping up with high speed automatic wrapping machines and shrink wrapping irregular-shaped products. The tunnels are equipped with proper heaters, air-flow patterns and sufficient chamber length to deliver maximum shrinkage from most shrink films on the market. Air temperature and velocity in each chamber is independently controllable to permit shrinking conditions to be customized to each type of package being run.



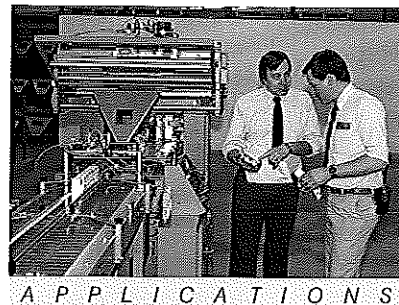
Model T-8 and T-9 High Capacity Shrink Tunnels

- Tunnel Passage—
T-8: 12"H x 28"W
(16" or 20"H available)
T-9: 6"H x 36"W
(14" or 20"H available)
- Conveyor Speeds—
Variable 0 to 74 ft/min

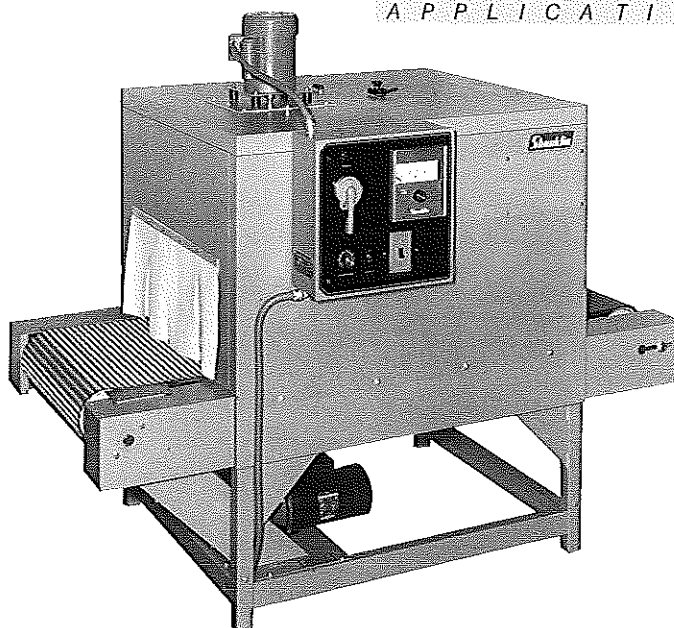
The Shanklin Models T-8 and T-9 High Capacity Shrink Tunnels are designed to handle those applications where packages are too large or wide to fit through a T-7 series tunnel. The T-9 is especially suited for rolls running transversely and for wide, low profile product. The air velocity and temperature are easily adjustable to favor the wrapping film, and temperature control is uniform throughout the tunnel. The carefully engineered hot air circulation pattern produces a tightly wrapped package.

The standard machine is equipped with a mesh belt, but a live roller conveyor is recommended for wide, heavy product and rolls wrapped in polyolefin or PVC shrink films.

*Whenever possible,
we take a
hands-on approach
to new
product applications.*



A P P L I C A T I O N S



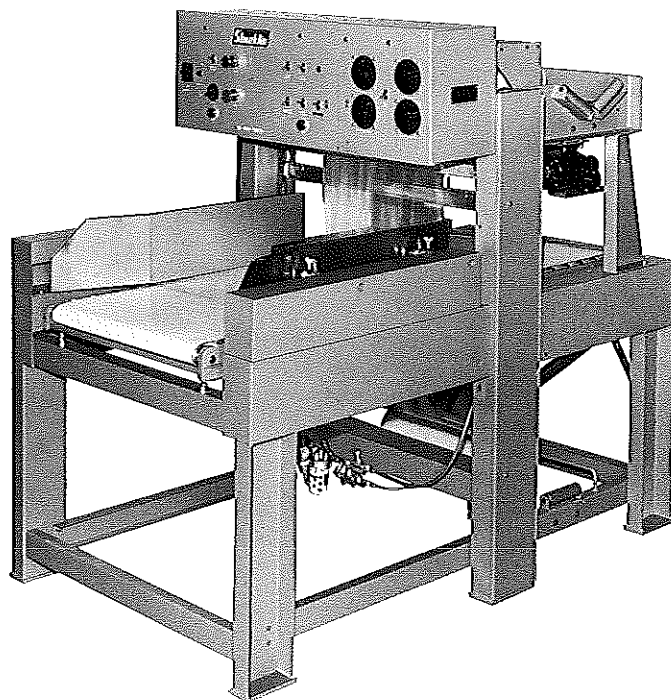
Shanklin MODULAR SLEEVE WRAPPER / SHRINK TUNNELS

Model B-2 Modular Sleeve Wrapper

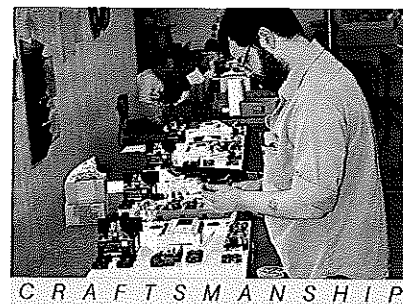
- Fully Automatic or Semi-Automatic Operation
- Capacity—15"H x 33"W film
(20"H and 40"W available)
- Speed—15 to 25 packages per minute
- Floor Space—3½' x 6' approximately

The Model B-2 is a versatile machine for bundling products or clusters of products in an open-ended envelope of shrink film. When the enveloped product enters the shrink tunnel, the film is drawn tightly around the product and the open ends of the sleeve close to a fraction of their original size.

Since sleeve wrapping applications are varied, the Model B-2 is modular in concept to permit customizing the machine to the application. The Model B-2 is offered in 30" and 40" widths and 15" and 20" height capabilities. Several type of infeed and discharge conveying mechanisms are available. The Model B-2 is a rugged, highly-reliable sleeve bundler available with impulse elements (standard) or with a hot knife sealing system (optional).



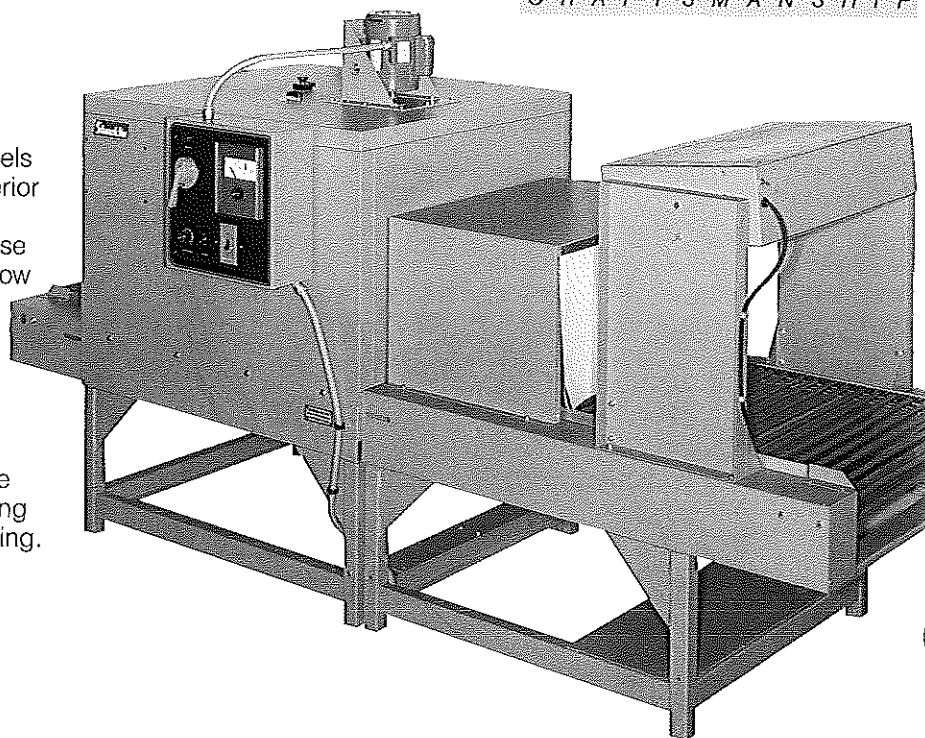
*Our dedicated force
of skilled craftsmen
take pride in
producing superior
packaging machines.*



Models T-8PR and T-9PR High Capacity Shrink Tunnels

- Tunnel Passage —
T-8PR: 12"H x 28"W
(16" or 20"H available)
T-9PR: 14"H x 36"W
(20"H available)
- Conveyor Speeds —
Variable 0 to 58 ft/min

SHANKLIN High Capacity Shrink Tunnels are especially designed to produce superior shrinks, especially with polyethylene film. These machines are recommended for use with Shanklin Sleeve Wrappers. The air flow has been carefully engineered to blow the open ends of the sleeve-wrapped package to a more closed configuration so that film locks securely on all corners of the product. Air temperature and velocity are fully controlled to maximize heat transfer to the film while minimizing blowing and smearing of the soft polyethylene film during shrinking.

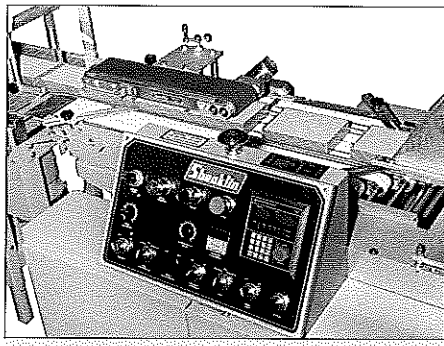


Shanklin CONTINUOUS FLOW INFEEDS

Horizontal form-fill-seal machines, with their smooth product flow and high speed capabilities are being used to shrink wrap more and more products.

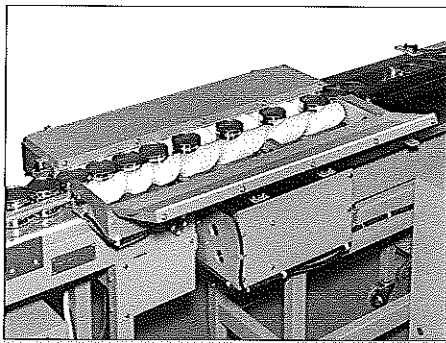
As packaging speeds increase, the mechanism that feeds the products into the wrapping machine becomes an increasingly important component of a successful packaging line. The infeeds shown here feed product into Shanklin Packaging Machines while maintaining a truly continuous flow of product to and through the machine. The line of product waiting to be wrapped is free from the harsh start-stop motion associated with many product feed systems, and product flow is smooth and in a straight line.

Harmonic Infeed



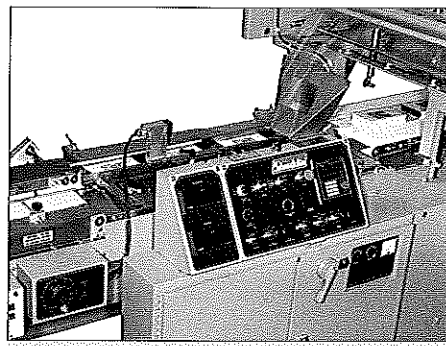
The Shanklin Harmonic Infeed is designed for Shanklin HS-1, HS-2, F-4 and F-5 Wrappers. When installing the Harmonic Infeed, the flighted conveyor is replaced with a control conveyor, which feeds product at the proper rate to produce the required spacing between products. Product can be supplied to the control conveyor by a special Shanklin infeed conveyor (recommended accessory). With the product spaced properly in the wrapping machine, the end seal jaws (which are controlled by a photocell) seal the film between the packages automatically.

Timing Screw Infeed



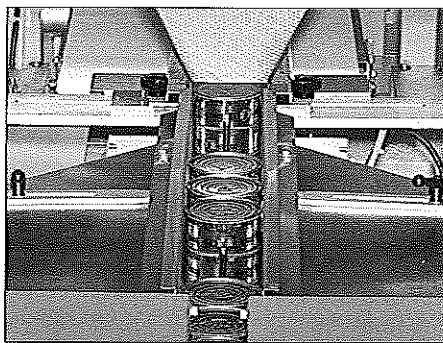
The Shanklin Timing Screw Infeed can be used to feed product into the flighted infeed conveyor of any Shanklin High Speed Wrapping Machine. It is particularly suited for round product (cans, jars, etc.) or product with rounded corners. Product is fed into the timing screws by a low friction belt, and the screws feed the product into the spaces between the infeed conveyor flights. In operation, the infeed is smooth, simple, and fast.

Synchronic Infeed



The Shanklin Synchronic Infeed uses a control conveyor and infeed conveyor similar to the Harmonic Infeed described at left, but it is designed to feed any Shanklin High Speed Automatic Wrapper. The flighted conveyor of the machine is retained, and a sophisticated control system senses the location of the infeeding product and adjusts it automatically so that the product will be deposited between the flights of the wrapping machine's infeed conveyor. Speeds exceeding 200 products/min have been achieved with this infeed.

Multi-Packing Infeeds



Both the Synchronic Infeed and the Timing Screw Infeed have been used for in-line multipacking. By simply removing one (or more) conveyor flights, groupings of two (or more) products in a line can be multipacked. The Harmonic Infeed, when modified at the factory to produce intermittent flow will also wrap in-line multipacks. These multipackers are smooth and fast.

Shanklin EXTRA VERSATILE WRAPPERS

Model A-27A Automatic L-Sealer

- Fully Automatic Operation
- Sealer Size — 21"W x 33"L (3"W x 3"L min.)
- Speed — 25 to 35 packages per minute
- Floor Space — 5' x 7', approximately

The Model A-27A Automatic L-Sealer answers the need for a compact, versatile shrink wrapper with gentle product feed and straight line product flow. The Model A-27A power advances the wrapping film while feeding product into the machine.

Product is conveyed into the machine through a film inverting head where it is wrapped in plastic film. Passing into the sealing area, it starts the discharge conveyor and film advance system, drawing the film and product into the sealing area. Once the product is correctly located in the sealing area, the conveyor stops, the infeed roller on the discharge conveyor retracts from the seal area, and the sealing jaws make the seal. After sealing, the product is conveyed away, usually to a shrink tunnel. Simultaneously, the infeed roller extends to provide a smooth transfer for the next product.

The Model A-27A features easy product size changeover.

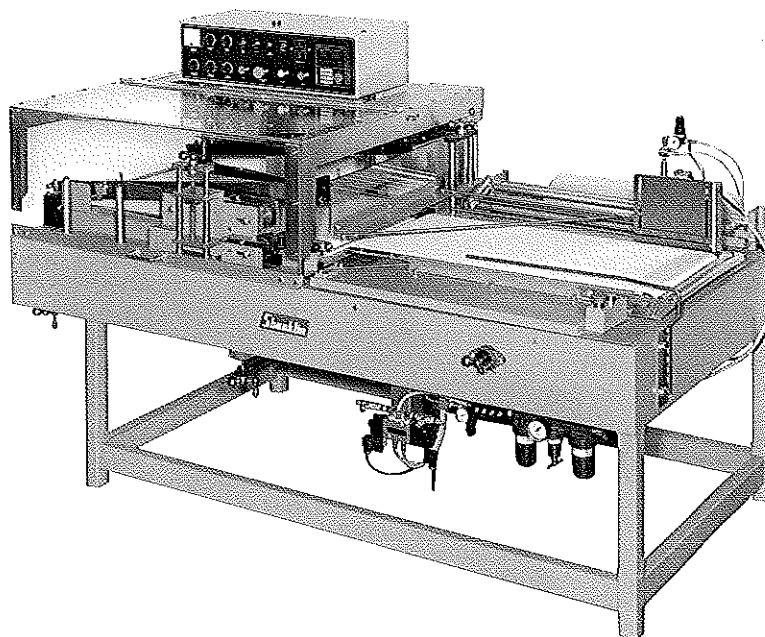
Model CF-1 Compact "Form-Fill-Seal" Wrapper

- Fully Automatic Operation
- Package Size* —
3"W x 3 1/2"L min. to
21"W x 10"H x 120"L max.**
*Width plus height cannot exceed 22 1/2"
**Product longer than 36" requires special conveyors
- Speed — Up to 35 packages per minute
- Floor Space — 5' x 7', approximately

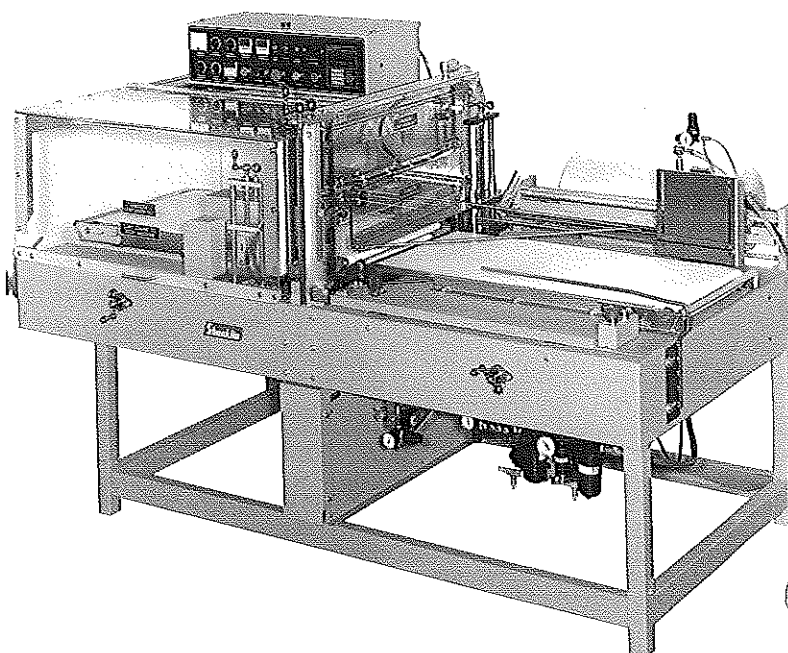
The Model CF-1 is an ultra compact Form-Fill-Seal machine which combines the automatic package length adjustment and economical selvage trim of a Form-Fill-Seal machine with the compact size and versatility of an automatic L-Sealer. A side sealer seals the edges of the film while advancing the film through the machine. Independent cross seal jaws perform the transverse seal and cut.

The Model CF-1 feeds product through the film inverting head, where it is surrounded by film. As it advances into the seal area, the wrapping film is pulled into the machine by the side sealer enabling even flexible product to be wrapped. A retractable infeed nose roller on the discharge conveyor provides smooth product transfer into the seal area where the transverse seal is made.

This versatile machine will handle a wide range of product sizes with simple, fast changeovers.



*Customized machines are
manufactured on a
production basis.*



Product Infeeds

Depending on product type and production line operation, the following options are some of those available for feeding products into the infeed conveyor of the SHANKLIN F-1 and F-5 Flowrappers. Consult factory for additional systems.

Product Infeeds for F-5:

- A SHANKLIN Harmonic Infeed for continuous product flow feeding
- Adjustable Flight Bar Infeed permits multipacking of similar or dissimilar product
- A SHANKLIN Automatic Product Placement Conveyor
- A SHANKLIN Right Angle Feed with "no product" detectors (Product can be fed from either side.)
- A SHANKLIN Hopper Feed for low profile product
- Hand-feeding of product where suitable using the extended infeed conveyor

Harmonic Infeeds are installed on modified F-5 Wrapping Machines which are equipped with belt infeed conveyors. The Harmonic Infeed is a simple, versatile way to achieve smooth, continuous product infeed at F-5 speeds.

The flow of accumulated product upstream from the infeed conveyor of the machine is essentially smooth and continuous with the SHANKLIN Harmonic Infeed.

Product Infeeds for F-1:

The F-1 Flowrapper, with its smooth belt infeed, accepts product automatically and does not require a product feeding device.

For packaging multiple products, a multipacking infeed option is available for the F-1 machines.

Changeover

Size changeover on the F-1 is simple. The product spacing and end seal placement are easily adjusted on the control console to accommodate product length and spacing changes.

For product height and width changes, reset the infeed conveyor guides and change or reset the film inverting head. If necessary, replace the roll of film with one of appropriate width. Adjust the side sealer position laterally to suit the product width and vertically for the product height. Reset the end seal jaw opening to clear the package height. The machine is now ready to use.

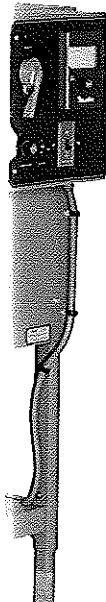
The procedure for the F-5 machine is similar to the F-1, except that product length changes are accomplished by changing the conveyor lug spacing and conveyor variator servo settings.

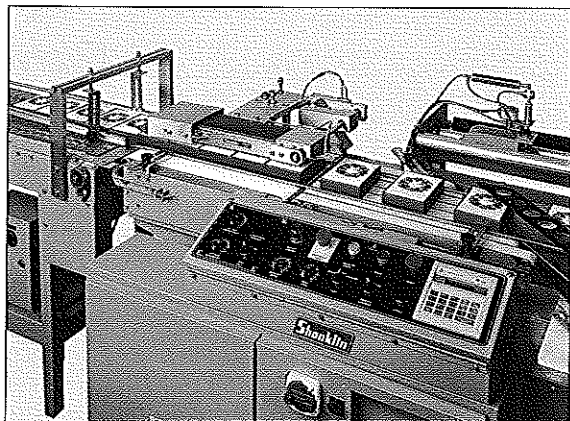
Controls and Adjustments

The SHANKLIN F-1 and F-5 FloWrap machines are equipped with a programmable logic controller (PLC), which allows easy machine set up and adjustment, assists in operator set-up, performs diagnostic checks and controls machine sequences.

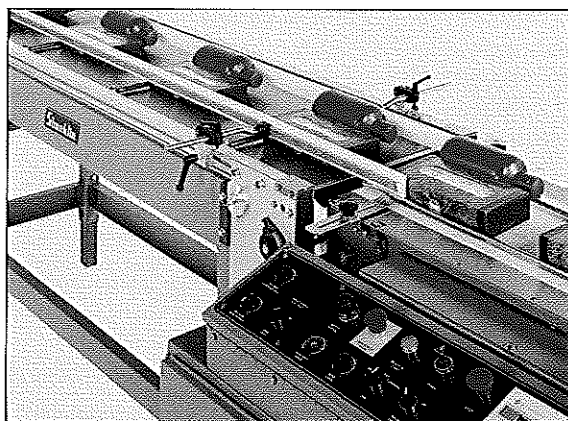
Diagnostic routines are standard, helping the operator to quickly find a stoppage or malfunction and identify the cause. The PLC has a network capability via a Data Highway system.

USDA APPROVED MODELS AVAILABLE
STAINLESS STEEL MODELS AVAILABLE

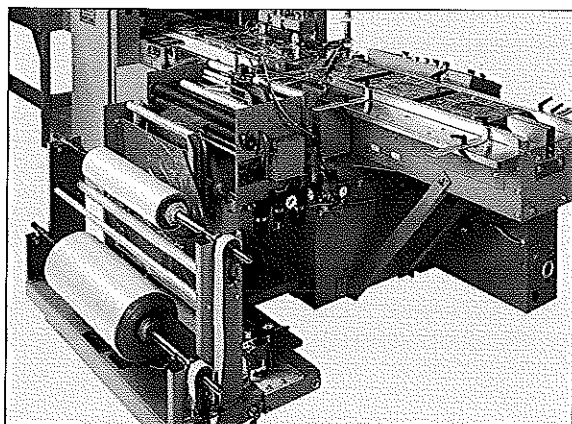




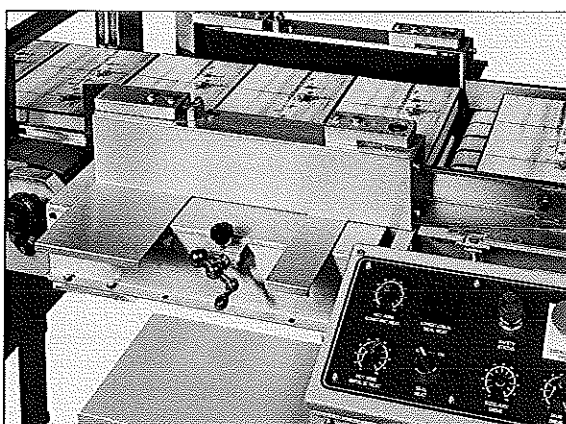
A SHANKLIN Overhead Harmonic Infeed continuously feeds product smoothly into an F-5 to produce the required spacing between products.



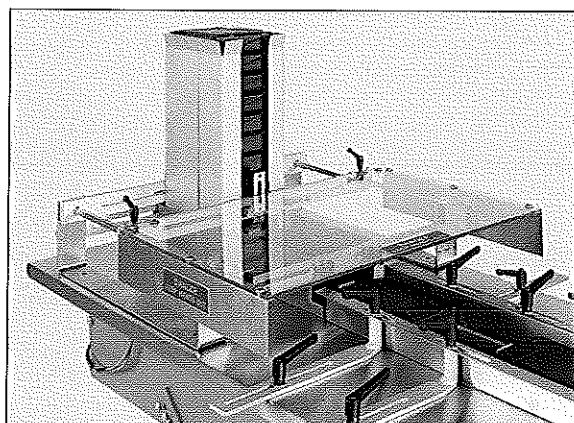
A SHANKLIN Flight Bar Infeed simplifies hand loading product. Particularly useful for multipacks or packs with dissimilar products.



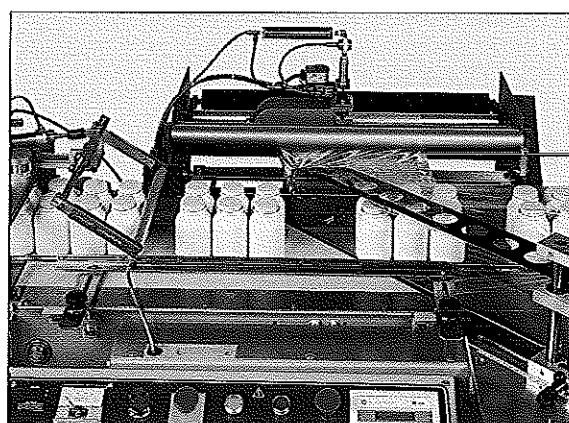
A SHANKLIN Dual Roll Centerfolder uses flat film.



A SHANKLIN Side Belt Harmonic Infeed continuously feeds product smoothly into an F-5 to produce the required spacing between products.



A SHANKLIN Hopper feeds low profile products into an F-5.



A SHANKLIN Multipacking Infeed accumulates multiple products. Using a cross bar, as shown, or alternative side bars, the multipacks are released into the F-1.

TYPICAL PACKAGES

Shown on this page are just a few of the packages that have been wrapped on Shanklin machines.

Our machines can handle a wide range of sizes and shapes of product.



Shouldn't Your Product Be Wrapped On A Shanklin Machine?





SHANKLIN CORPORATION

100 Westford Rd., Ayer, Mass. 01432 Tel: (508) 772-3200

