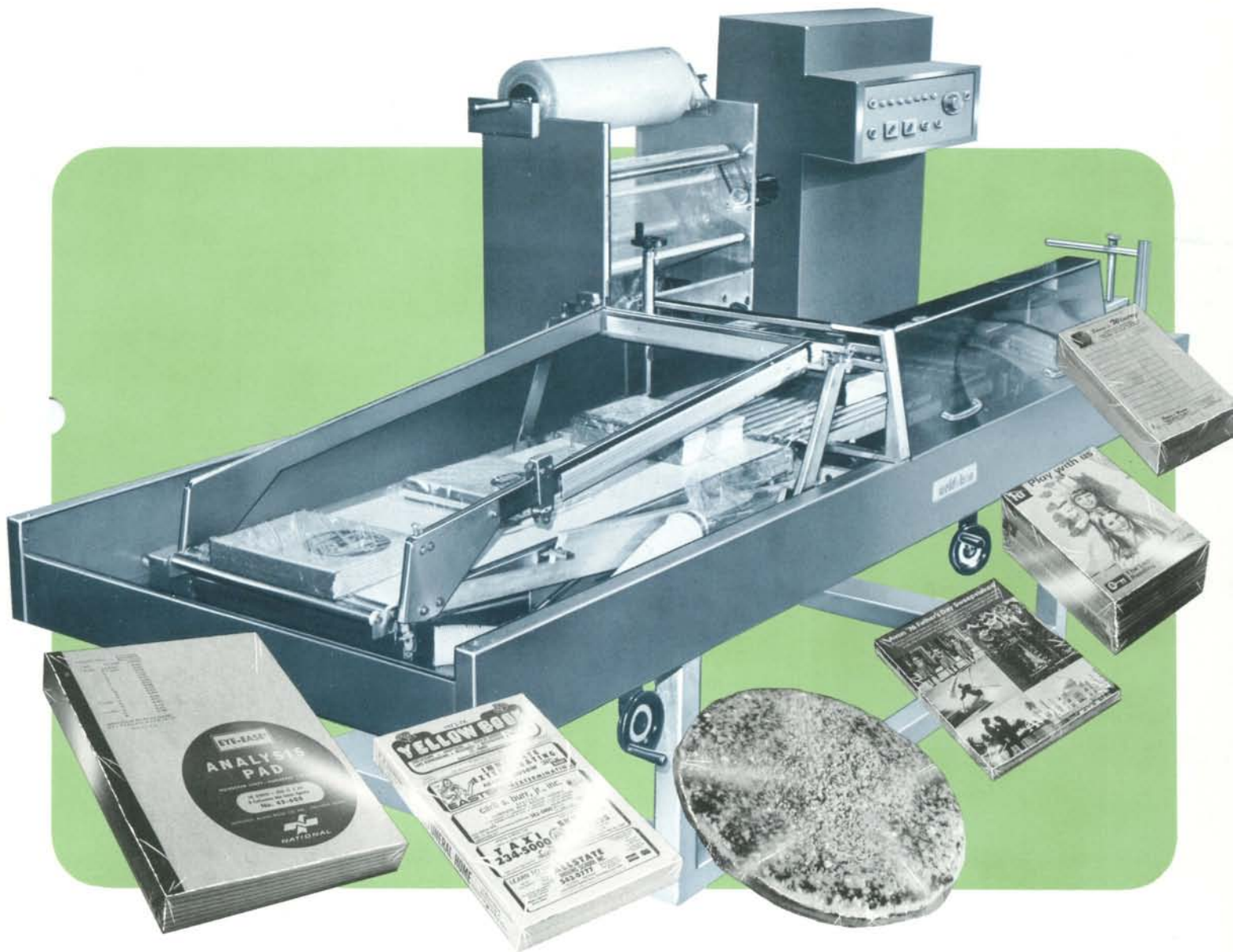


# weldotron® 5900 Series

## AUTOMATIC SHRINK WRAPPING SYSTEM

FLEXIBLE, FOR FAST CHANGEOVER ...  
IDEAL FOR PRODUCTS THAT  
NEED GENTLE HANDLING!

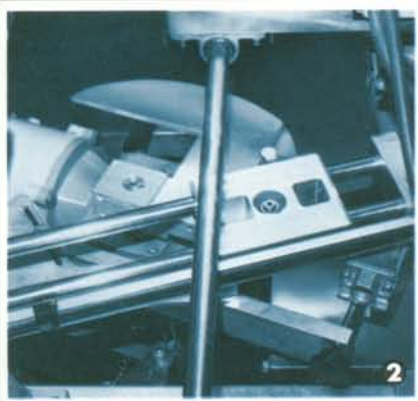


**SHRINK-WRAPPING ... THE BETTER WAY!**

- ENHANCES APPEARANCE
- PROVIDES PROTECTION AND CLEANLINESS
- INCREASES PRODUCTIVITY AND IMPROVES ECONOMY
- PERMITS PRODUCT VISIBILITY FOR BETTER MERCHANDISING
- REDUCES PILFERAGE



1. Automatic Infeed Conveyor System.



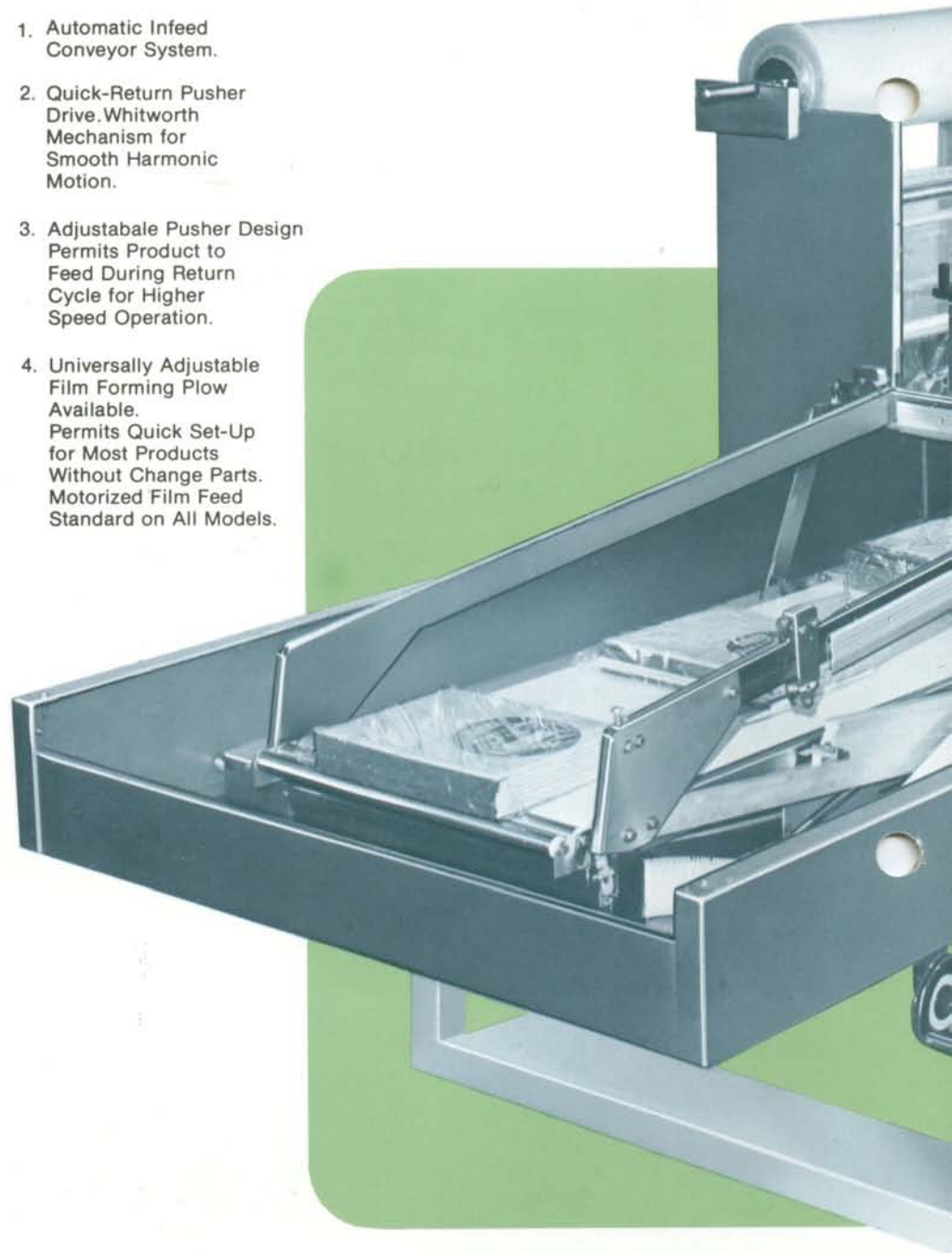
2. Quick-Return Pusher Drive. Whitworth Mechanism for Smooth Harmonic Motion.



3. Adjustable Pusher Design Permits Product to Feed During Return Cycle for Higher Speed Operation.



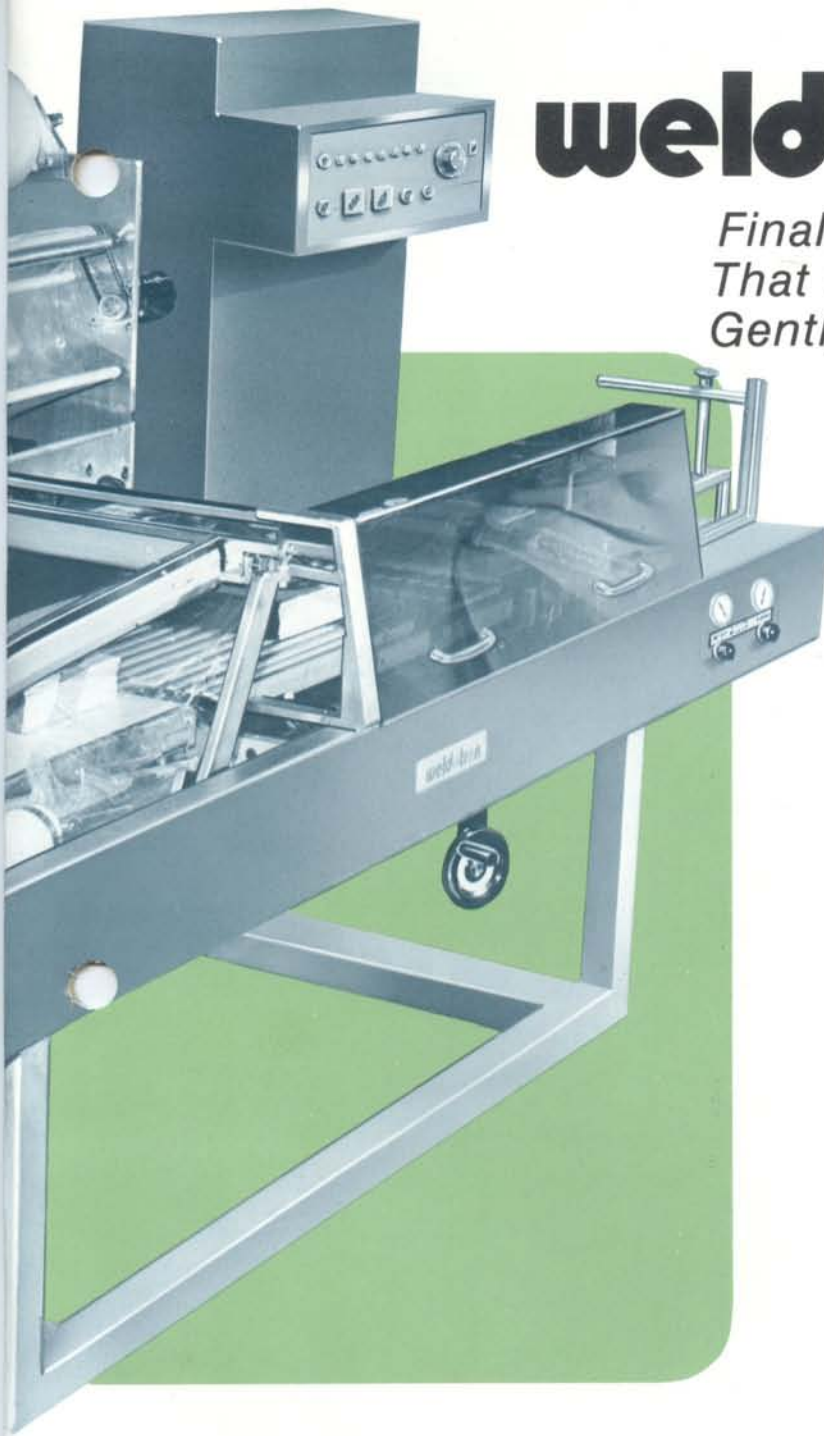
4. Universally Adjustable Film Forming Flow Available. Permits Quick Set-Up for Most Products Without Change Parts. Motorized Film Feed Standard on All Models.



**When smooth product transfer and volume thru-put are critical factors, the 5911 provides the ultimate answer. This model is particularly suited to packaging paper products and other hard-to-contain materials, a TRUE one-level package flow design eliminates rising and falling conveyors. Harmonic motion product transfer design permits rapid product transfer without shingling. Equipped with dual action sealing jaws, full pressure is developed only at the instant of full jaw closure. The Model 5911 is fully adjustable via a single hand wheel to**

# weldotron<sup>®</sup> MODEL 5911

*Finally, a Packaging System  
That Handles Products Smoothly,  
Gently Without Shingling.*



**accommodate all package widths. No adjustment of infeed conveyor, pusher or film plow is necessary. The Weldotron 5911 is the ideal, all-purpose packaging system for handling all your packaging operations.**

## 5900 SERIES FEATURES

### SMOOTH, SHINGLE-FREE OPERATION

True one-level package flow design eliminates rising and falling conveyors. The smooth motion toggle-action dual-pressure jaw closing mechanism develops full pressure only at the instant of full jaw closure. This unique seal jaw system features moving upper and lower jaws, and permits adjustment of seal height with single hand wheel control.

### UNIQUE "HARMONIC MOTION" DESIGN

The quick-return Whitworth mechanism pusher drive creates a smooth-acting harmonic motion advance with quick-return stroke that prevents shifting of product, provides swift yet gentle handling.

### ALL-PURPOSE VERSATILITY

Universal plow construction features single hand-wheel adjustment to accommodate a wide range of package widths. The unique "combing" action of the pusher and loading tray facilitates handling of even the thinnest products. Ideal for all-purpose volume packaging needs.

### OTHER 5900 SERIES FEATURES

- *Unique pivoting jaw construction minimizes jaw opening and stroke required to clear package height.*
- *Parallel-acting, 4-bar linkage safety bar construction prevents cocking of safety bars. Bars return instantly to start position if any obstruction is detected. In case of power failure, special gravity balance system keeps jaws open.*
- *Unique package-pivoting pusher design permits product to be fed during pusher return stroke. Pusher stroke is adjustable to suit shorter products, saves cycle time.*
- *Automatic product separation on infeed conveyor.*
- *Sealing element termination design permits quick replacement without tools.*
- *Advanced element heat compensator construction with positive-acting, simple adjustment.*
- *Quick return Whitworth pusher driver mechanism.*
- *All controls readily accessible in hinged-cover electrical panel.*
- *Quick-change type shaft-mounted film roll system, with dual dancer and draw roll. Power unwind results in smooth, trouble-free unwind system.*
- *Simple film-loop adjustment for complete flexibility of hole punch location.*
- *Heavy steel tubing frame construction.*

## OPERATION

Products are fed inline onto the infeed conveyor, positively spaced by a short section of accelerating conveyor. As the trailing edge of the product passes a photo-transistor sensor, a waiting motor-driven pusher is activated and drops down behind the product, smoothly advancing it into a semi-tubular configured film and onto the seal zone. While product advance is quite rapid, starting and stopping is extremely smooth. After the product is advanced into the seal zone, the head is activated and the quick-return pusher retracts, rising during retraction to clear an incoming package.

Both the upper and lower jaws of the sealing head form a seal at any pre-set height up to 2" above the conveyor, thus permitting any size package to be handled without any change in conveyor height. After the seal is completed, the completely

wrapped package is discharged into the shrink tunnel.

The roll of center-folded film, mounted at the rear of the machine, is directed through at a 90° angle by means of a special forming plow into a semi-tubular configuration to accept inline-fed products.

Rapid adjustment for package width is accomplished by means of a simple hand-wheel, positioning the entire sealing section relative to the infeed/plow section. Adjustment for package height is equally simple, consisting of a hand-wheel adjustment of the forming plow.

## ACCESSORIES

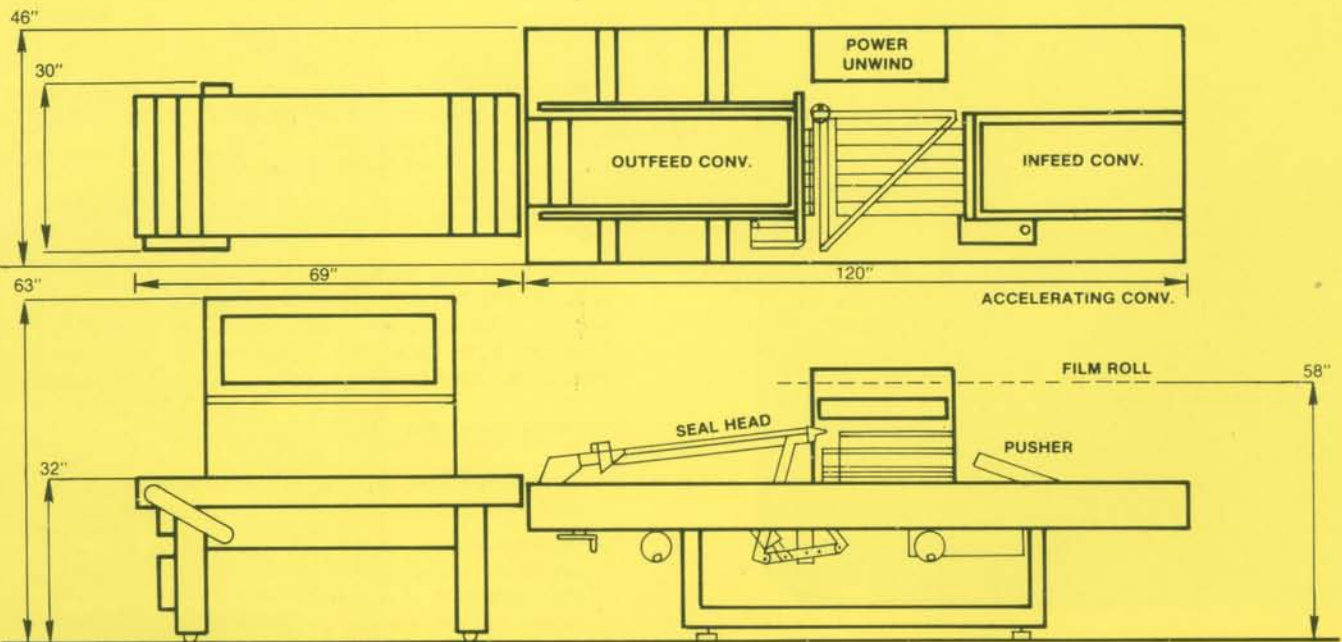
Right angle package transfer and turning systems; fixed and universally adjustable forming plows; heavy duty casters with brakes.

## SPECIFICATIONS:

Electrical requirements ..... 230V., 1Ø, 30amp.  
Air requirements ..... 14CFM free air; 60psi  
Package Speed ..... To 35/minute

Maximum package dimensions ... 32"L x 16"W x 6"H  
Maximum film width ..... 22"  
Overall machine dimensions ... 120"L x 46"W x 63"H

**Note 1** Max. width and height may not apply simultaneously. They are limited by maximum film width.



Pioneers in the field, Weldotron ranks as one of the world's leading manufacturers of flexible packaging machinery. Weldotron products are carefully engineered to provide constant, reliable day-in, day-out performance with minimal down-time. Over 40,000 installations around the world attest to our quality and dependability. To back up our product, Weldotron maintains a large staff of experienced engineers and

field service technicians, providing our customers with innovative packaging techniques and after-sales service support. Weldotron headquarters are located in Piscataway, New Jersey, where the company occupies a modern plant of 265,000 square feet, from which we produce one of the world's most comprehensive lines of packaging machinery designed to meet the broadest range of product applications.

1532 So. Washington Avenue (at I-287)  
Piscataway, New Jersey 08854  
Telephone: (201) 752-6700 (212) 227-6663  
TWX 710-997-9502

Manufactured under one or more USA and Foreign patents. Other patents pending.

**weldotron**<sup>®</sup>  
industrial packaging systems

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