

# weldotron®

## *Medium Speed, Horizontal Seal, Automatic Form/Fill/Seal Shrink Packaging Machines*

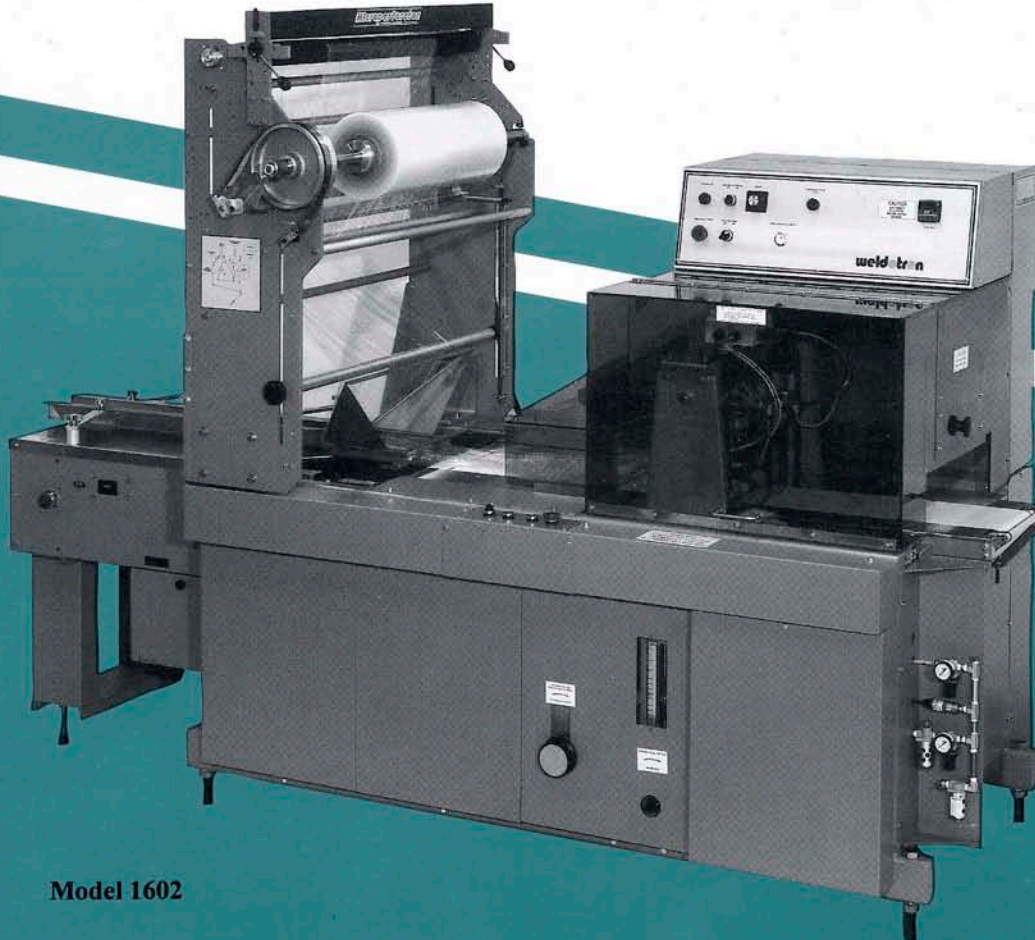
*Compact Space Saving Design combined with Cost Saving Efficiency and Reliability*

The 1600 Series Bottom Lap Seal Models are compact, automatic, shrink wrapping systems designed to efficiently wrap a wide variety of consumer and industrial products up to 22" x 16" x 4" at speeds up to 120 packages per minute. Toys, games, books, computer software, paper goods and stationery, as well as larger items found in housewares, sporting goods, auto supplies and giftware can all be economically packaged on these versatile 1600 Models.

All models operate on a continuous motion basis for smooth product transfer at high speeds. They feature a patented, cam driven, orbital cross sealing

mechanism and longitudinal seal system that produces strong, quality seals with commercial shrink films. The 1600 Series also features a most advanced programmable electronic control .

The compact 1600 Series can be fitted with a wide range of automatic product accumulators, collators and feeders for ease of integration into new or existing production lines. Sturdy construction and dependable performance are important features of every Weldotron product, so you can expect years of low cost, reliable service from the compact, automatic shrink packaging system.



Model 1602

## FEATURES:

- **COMPACT SIZE** Infeed and outfeed designed for limited space requirements without loss of operating performance.
- **HEAVY DUTY CONSTRUCTION** Heavy duty tubular steel construction ensures years of continuous production and reliability.
- **INTEGRATED SOLID STATE ELECTRONIC CONTROLS** Integrated electronic P.L.C. control package can be easily programmed for a wide range of automatic product accumulators, collators and feeders.
- **SMOOTH, CONTINUOUS MOTION OPERATION** Continuous motion operation provides smooth, shingle-free product transport.
- **PATENTED ORBITAL SEALING SYSTEM** Patented orbital, cam driven, cross sealing system ensures strong, quality seals with most commercial shrink films.
- **LONGITUDINAL SEAL** Static longitudinal or thermal bottom lap seal for attractive package appearance are available.
- **QUICK PRODUCT SIZE CHANGEOVER** Simple PIV knob adjustment for bag length variations permits quick product size changeover.
- **QUICK-CHANGE FILM FORMING PLOWS** Effortless change film forming plows minimize downtime--keeps productivity high.
- **MULTI-ZONED VACUUM BELT FILM TRANSPORT** Vacuum belt conveyor with five independently controlled zones ensures smooth, high speed film travel.
- **SCRAPLESS, SINGLE WOUND FILM OPERATION** Lap sealing with single wound film eliminates scrap and reduces material cost.

## 1600 SPECIFICATIONS

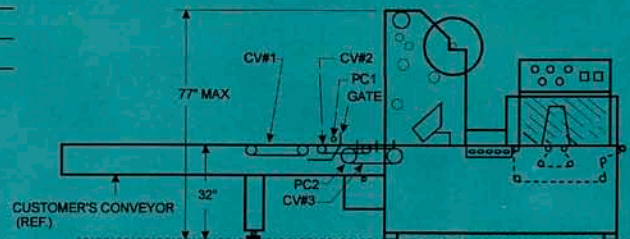
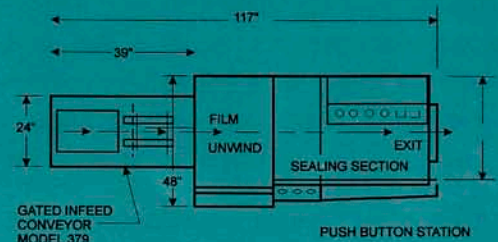
### Bottom Lap Seal Models

	1602/1612/1662	1607/1667
Electrical Requirements:	230V., 30 Amp., 3Phase, 60HZ	Same
Air Requirements:	8 SCFM @ 80 PSI <sup>(1)</sup>	Same
Maximum Seal Dimensions:	22"L x 16"W x 4"H <sup>(2)</sup>	13"Lx11"Wx2"H
Packages Per Minute:	Up to 80	Up to 120
Maximum Film Speed:	Up to 100 Feet Per Minute	Same
Maximum Film Width:	34"	Same
Overall Machine Dimensions:	121"L x 48"W x 77"H	Same
Machine Construction:	Tubular Steel	Same
Approximate Machine Weight:	2,500 lbs.	Same

#### Note:

- (1) With 379 Gated Belt Infeed
- (2) Maximum package dimensions be interdependent and may not be obtainable simultaneously. Consult factory for products over 18" in length.

### Stainless Steel Models Available



## SAFETY FEATURES:

The infeed conveyor is protected against jams and overloads by means of a torque limiting clutch. The cross seal system is protected by means of dual safety sensors and a unique air coupling. In the event that any obstruction is detected, the cross seal jaws instantly retract without phasing problems. If electrical or pneumatic system fails for any reason, jaws open instantly to safe position.

## OPERATION:

Product is fed into flighted or gated infeed conveyor either manually or automatically. It is then advanced in perfect time phase into the horizontal tube of film which is formed by a special quick-change forming shoe. The film tube is of the bottom lap type with longitudinal seal made either electrostatically or thermally. Product and film then advance by means of special 5-zone vacuum belt feed into the continuous motion cross seal. The completely sealed package is then discharged into the shrink tunnel.

## ACCESSORIES:

- Indexing conveyor infeeds
- Automatic accumulators and collators
- Print registration
- Perforating attachments
- Rotary hole burner
- Easy to open tear tape attachment
- Automatic speed modulation
- Additional fixed film forming plows.

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

**weldtron**®

Specifications Subject to Change Without Notice.