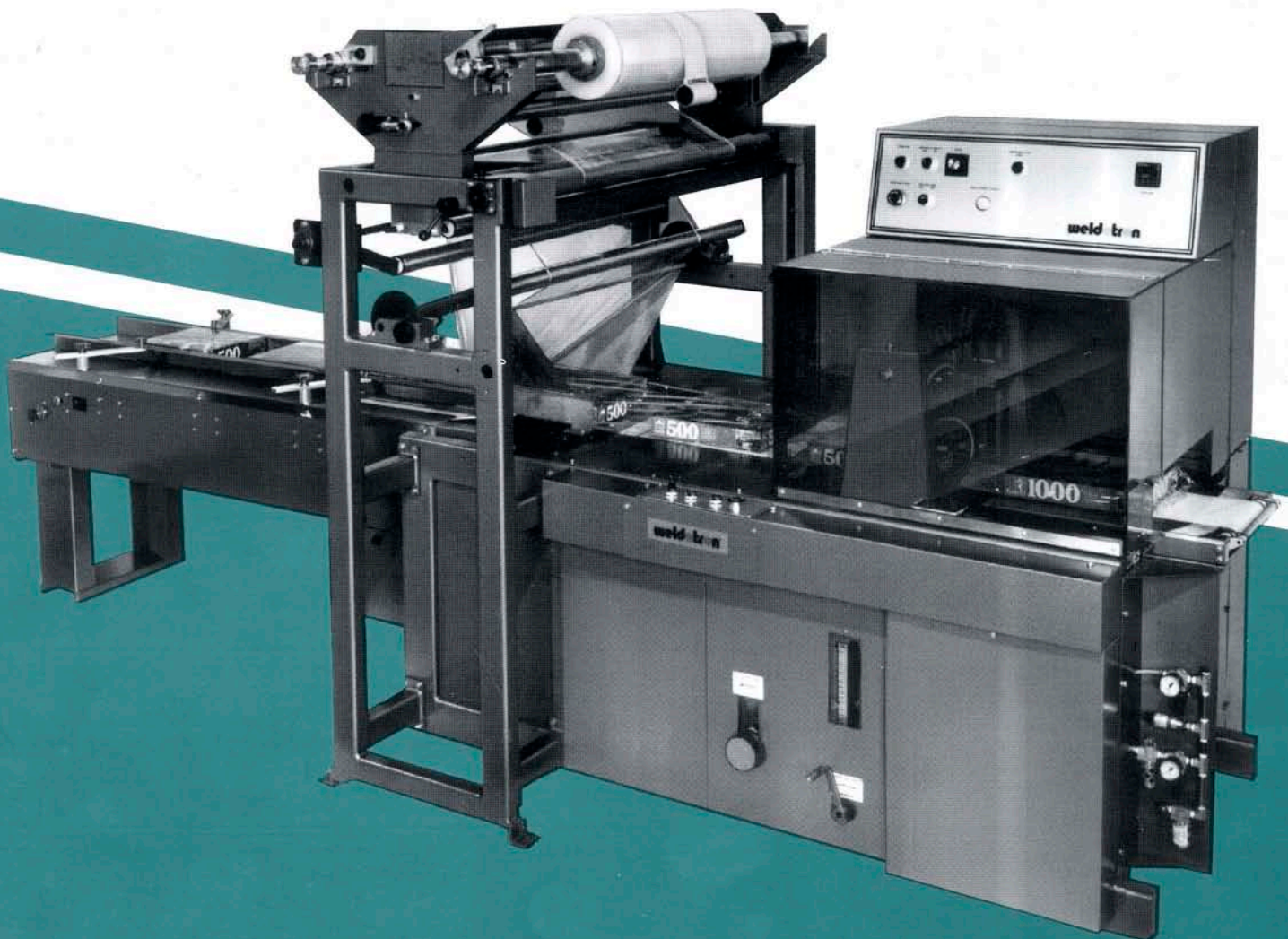


weldotron®**HIGH SPEED AUTOMATIC FORM-FILL-SEAL SHRINK PACKAGING SYSTEM**

The model 1611 is a high speed, automatic, form-fill-seal shrink packaging system designed to wrap a wide range of products at speeds up to 120 packages per minute. The 1611 operates on a continuous motion basis for smooth product transfer at high speeds. The 1611 features scrapless, single-wound film operation and combines a cam-driven, orbital

cross sealing mechanism with a longitudinal bottom lap sealing device to produce strong, quality seals with a wide variety of shrink films. The 1611 can be easily fitted with a number of different feeding devices for ease of integration into automated production lines.



1611 FEATURES:

- **HIGH SPEED OPERATION:** Smooth, continuous motion operation at speeds to 120 packages per minute.
- **PRECISION TEMPERATURE CROSS SEAL:** Precision Temperature Control (PTC) cross seal system with thermal knife seal bar.
- **DUAL ROLL FILM UNWIND:** Dual roll, constant-tensioned power film unwind. Features unique motorized dancer differential control system.
- **QUICK PRODUCT CHANGEOVER:** Simple adjustment for bag length variations permit quick product size changeover.
- **MULTI-ZONE VACUUM BELT FILM TRANSPORT:** Vacuum belt conveyor with five independently controlled zones ensures smooth, high speed film travel.
- **PRODUCT TIMING:** Extract synchronization of product and cross seal is controlled by a readily accessible friction lock on the infeed conveyor.
- **INTEGRATED SOLID STATE ELECTRONIC CONTROLS:** Integrated electronic control package can be easily programmed for a wide range of automatic product accumulators, collators and feeders.
- **CAM DRIVEN** For extreme reliability.

Specifications

Electrical Requirements	230V, 30 Amps, 3 Ph.
Air Requirements	80 PSI, dry air
Maximum Package Dimensions	4"H, 16"W, up to 22"L (see figure 1)
Packages Per Minute	up to 120 (see figure 2)
Maximum Film Speed	130 feet per minute
Maximum Film Width	44"
Overall Machine Dimensions	162"L, 67"W, 62"H
Approximate Machine Weight	3,000 lbs.

FIG. 1 PACKAGE HANDLING GRAPH

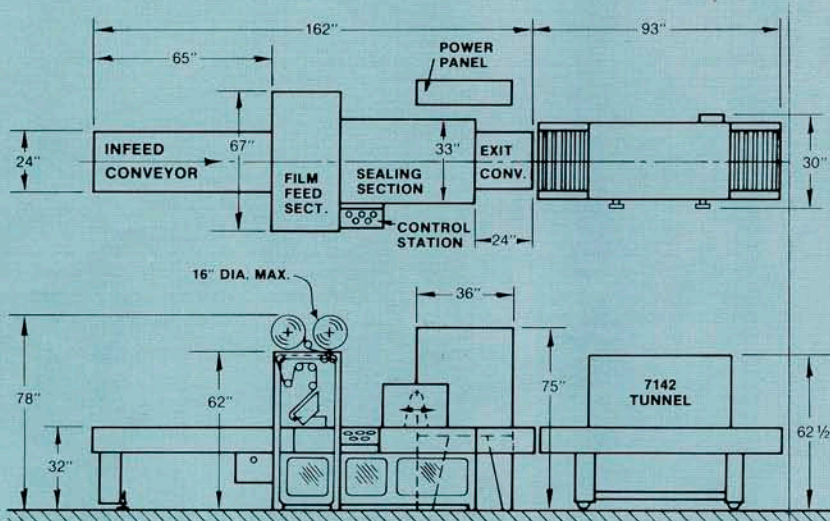
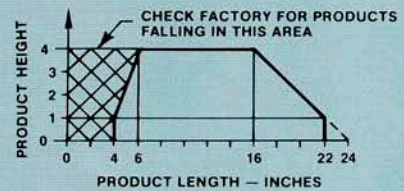
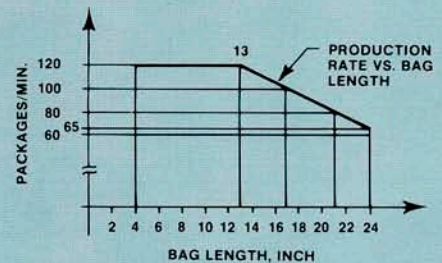


FIG. 2 PACKAGE SPEED GRAPH



Model 1611 supplied with full range of safety features and is available with print registration and various optional feeding devices.

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 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 the 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 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 • Film Microperforator™
- Rotary hole burner • Automatic speed modulation
- Additional fixed film forming plows. • Spare Parts Kit

weldotron®

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