

# PACKAGING PARTS & SYSTEMS, INC.

MODEL X-16

The **EXTREME 16** model X-16 is a heavy-duty, automatic shrink-wrapping system designed to efficiently package a wide variety of consumer and industrial products. Toys, games, books, media, software, club-packs, paper goods and stationery, as well as larger items found in housewares, sporting goods, automotive supplies and giftware can all be economically packaged on this versatile model.

The machine operates on a continuous motion basis for smooth product transfer at high speeds. It features an orbital, cross-sealing mechanism and an effective longitudinal seal system that produce strong quality seals with all commercial shrink films. The design 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 key features, so you can expect years of low cost, reliable service from your **EXTREME 16** automatic shrink packaging system.



**EXTREME 16**  
PACKAGING MACHINERY

Introducing the **EXTREME 16 SERIES** Horizontal Form/Fill/Seal Wrappers. These heavy-duty wrappers are designed with versatility and multi-shift operation in mind. The proven mechanical design translates into straightforward operation and maintenance simplicity.

<b>Model X-16</b>	<b>HFFS, Scrapless</b>	<b>To 120 PPM</b>
<b>Model X-16SS</b>	<b>Side Seal</b>	<b>To 120 PPM</b>
<b>Model X-16HS</b>	<b>HFFS, Scrapless</b>	<b>To 140 PPM</b>
<b>Model X-16HS/SS</b>	<b>Side Seal</b>	<b>To 140 PPM</b>
<b>Model AL-3*</b>	<b>Auto-Length</b>	<b>To 75 PPM</b>

\*New Series

All wrappers are available with standard right-hand or optional left-hand operator controls. **Packaging Parts & Systems, Inc.** offers many optional infeeds and accessories to optimize system performance. Stainless steel food grade construction is available for all models. Custom infeeds and features are available upon request.

**Packaging Parts & Systems, Inc.** also maintains a complete inventory of Weldotron 1600 Series replacement parts.

## STANDARD FEATURES

**COMPACT SIZE** Designed for limited space requirements without loss of operating performance.

**HEAVY-DUTY CONSTRUCTION** Tubular steel frame, channel steel cross-members, stainless steel hardware, 2HP AC motor, Link-Belt P.I.V. 200 drive and cam operated end-seal ensure years of continuous production.

**PLC CONTROL** Integrated PLC control package can be easily programmed for a wide range of automatic product accumulators, collators and feeders. Standard programming includes speed modulation and extended package length functions.

**SMOOTH, CONTINUOUS MOTION OPERATION** Continuous motion operation provides smooth, shingle-free product transport.

**ORBITAL SEALING SYSTEM** All mechanical, orbital cross-sealing system produces strong, clean seals with all commercial shrink films and maintains precise product positioning and consistent bag length throughout the speed range.

**PTC SEAL BAR** One piece solid knife cross seal bar with digital temperature control provides uniform temperature across the entire seal bar. Produces quality seals at minimum temperature and requires lower maintenance than multiple piece seal bars.

**LONGITUDINAL SEAL** Electro-static longitudinal bottom lap seal for attractive package appearance. Available with optional thermal longitudinal seal.

**PRODUCTION LENGTH INFEEED** Standard nine-foot flighted infeed provides ample room for several people to hand-feed. Allows space for fitting a variety of automatic feeders. Includes no-product detect to operate wrapper on demand. Available with optional extension(s).

**QUICK PRODUCT SIZE CHANGEOVER** Simple PIV adjustment knob for bag length variations permits quick product size changeover.

**QUICK-CHANGE FILM FORMING PLOWS** Quick-change film forming plows minimize downtime, keeping productivity high.

**QUICK-PHASE PRODUCT POSITIONING** Infeed flight positioning achieved with *quick-phase* switch; no tools required.

**SIMPLE PRODUCTION SPEED CHANGES** Production speed changes are accomplished with a single speed dial; all machine functions increase proportionally. No timer adjustments required.

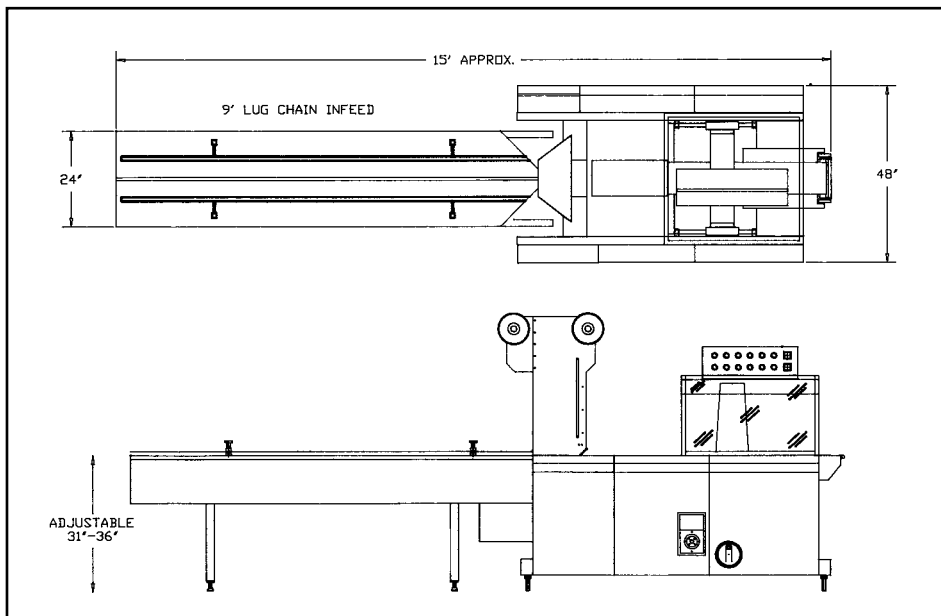
**MULTI-ZONED VACUUM BELT FILM TRANSPORT** Vacuum belt conveyor with five independently controlled zones ensures smooth high-speed film travel.

**SCRAPLESS, SINGLE-WOUND FILM OPERATION** Lap sealing with single-wound film eliminates scrap and reduces material cost.

**POWERED PINWHEEL FILM PERFORATOR** Both pinwheel and back-up brush are driven at film speed to provide positive perforating without tearing. Thumb-screw adjustments permit pin-depth adjustment for hole size.

## IMPROVED OPERATOR & MAINTENANCE FEATURES

- Controls located for easy access
- Machine can be set up for right-hand or optional left-hand operation
- 24 Volt DC control voltage for reliability and minimized shock risk
- Cross-seal is accessible from either side of machine
- Permanently attached, recessed hand wheels for bag length adjustments
- Lowered film drive for simplified film threading
- Control switching and PLC LED indicators located for ease of electrical troubleshooting
- Short wire runs from sensors and switches to PLC
- All access panels are easily removed and replaced
- Safety reset spring plunger replaced by air cylinder to eliminate sensitive adjustments



## EXTREME 16 - Model X-16 - SPECIFICATIONS

<b>Electrical Requirements:</b>	208/240 VAC, 30 Amps, 3 Phase, 60 HZ
<b>Air Requirements:</b>	1 SCFM @ 100 PSI
<b>Maximum Seal Dimensions:</b>	24" L x 19" W x 5.5" H (1), (2)
<b>Packages Per Minute:</b>	Up to 120 (3)
<b>Film Speed:</b>	Up To 120 Feet Per Minute
<b>Film Width:</b>	35" MAX
<b>Machine Weight:</b>	3000 Lbs. Approximate
<b>Machine Drive Motor:</b>	2 HP AC Drive

Notes:

- (1) Maximum package dimensions are interdependent and may not be obtainable simultaneously.
- (2) Package length may be increased by using Extended Length feature.
- (3) Consult factory for applications requiring 120 packages per minute.

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