

# SHRINK WRAPPER

## B34-90/DZ-34 AUTOMATIC SHRINK WRAPPING SYSTEM



The B34-90/DZ-34 Automatic Shrink Wrapping System provides any packaging line with more efficient end-user product handling. This System is designed for unsupported products that require a 32" wide or less roll of film with a maximum roll diameter of 12".

Products are fed into the Shrink Wrapper on the infeed conveyor and enter the staging area. A Photo Sensor activates the air operated Product Pusher and begins the packaging sequence. The desired number of products are pushed through the film. The seal jaws are cued as the Product Pusher retreats. Once the seal jaws release, the discharge conveyor starts, removes the package and delivers it to the Shrink Tunnel conveyor. Consistent fan-forced heat is applied to the wrapped products. Finished packages exit onto a conveyor or accumulation station suited to your needs.

Add various options to the B34-90/DZ-34 Automatic Shrink Wrapping System such as increased Jaw Height, Tunnel Chamber Height, Wrapper and Tunnel widths, Package Cooling Fan, and a wide variety of exit conveyors to increase efficiency.



## SPECIFICATION

### **B34-90 SLEEVE WRAPPER**

**Standard Construction:** Heavy duty welded tubular steel with plexiglass guarding

**Production Rate:** Up to 20+ packages/minute

**Seal Head:**

- 34"L x 16"H
- Teflon coated
- Electronic time/temperature controller
- Maximum temperature fluctuations of 2°C
- Air operated upper and lower sealing jaws on linear bearings

**Infeed:** Variable speed DC driven conveyor

**Discharge:** Variable speed DC driven conveyor

**Power Requirement:** 220VAC, single phase, 60Hz

**Air Requirement:** 8CFM @ 75PSI

**Standard Features:**

- Allen-Bradley PLC
- Low Film Indicator

### **DZ-34 SHRINK TUNNEL**

**Standard Construction:** Heavy duty welded steel frame with adjustable height

**Production Rate:** Up to 20+ packages/minute

**Shrink Tunnel Chamber:**

- 84"L x 34"W x 16"H

**Conveyor:**

- Variable speed, 1/4 HP motor
- Steel rollers covered in silicone tubing
- Adjustable 1" diameter rollers or high temp polymer mesh belt

**Airflow:**

- Variable speed, high velocity turbo blower
- Side baffles change flow pattern for varying types of package

**Power Requirement:** 220/440VAC, 3 phase, 60Hz

**Air Requirement:** Not required

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### OPTIONS

#### **B34-90 SLEEVE WRAPPER**

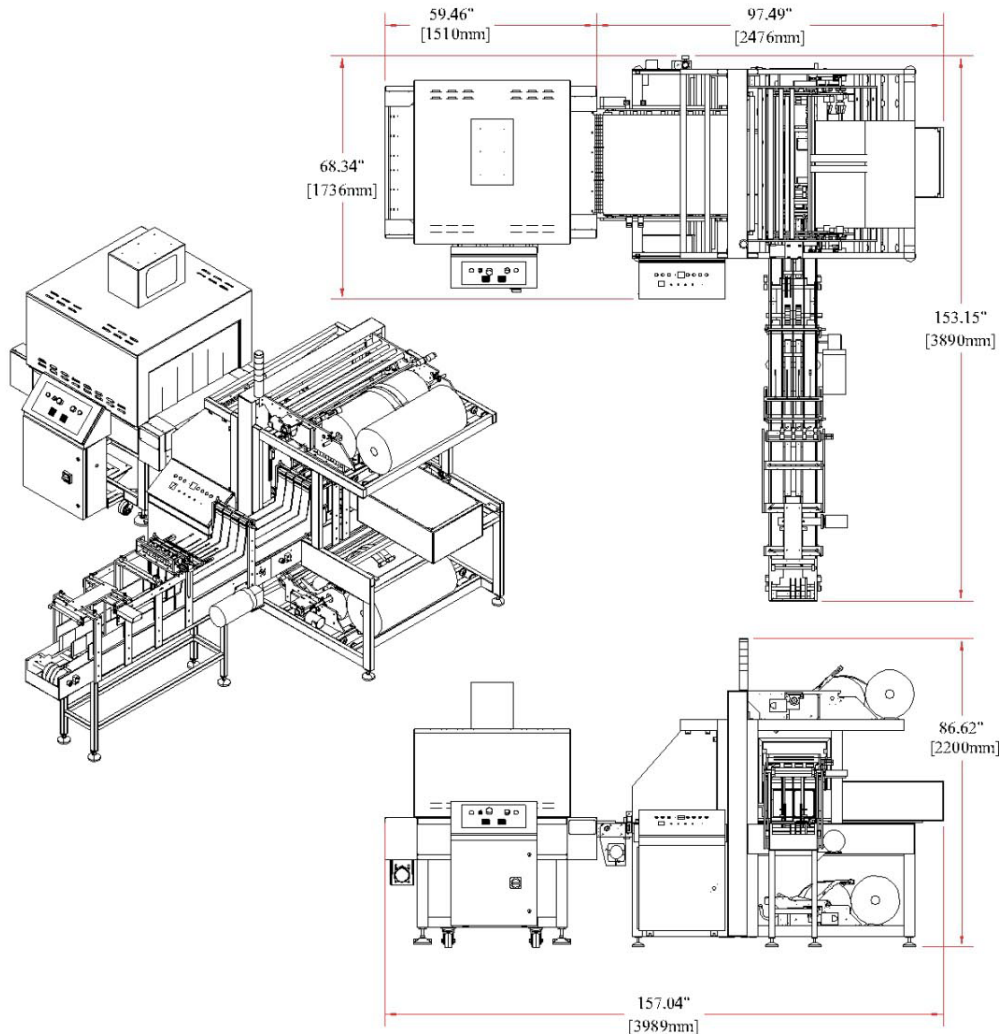
- Jaw Height Upgrade to 20" or 24"
- Motorized Film Jib Crane
- Multi-Lane Infeed with Lane Divider
- Pneumatic Package Clamp
- Casters

#### **DZ-34 SHRINK TUNNEL**

- Tunnel Chamber Height Upgrade to 20" or 24"
- Extended Tunnel Chamber
- Package Cooling Fan
- Casters

Use the following formula to determine required film width for standard bullseye style wrapping:

$$\text{Length} + \frac{1}{2} \text{Height} = \text{Minimum film width}$$



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