



Professional Packaging Systems

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Contact

Our Packaging Experts
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nVenia Arpac 45TW Continuous Motion Tray Shrink Wrapper

At a Glance

- Continuous motion tray bundler
- Designed for trayed cartons, bottles, and cans
- Wraps up to 45 products per minute
- Around-the-clock reliability

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



Continuous Motion Tray Bundler Wrapping Up to 45 Trays per Minute

The nVenia Arpac 45TW tray wrapper is part of a dependable line of shrink packaging systems designed to service a wide variety of industries. This compact and economical shrink wrapper is capable of wrapping up to 45 products per minute, depending on product size.

This system will wrap any unitized or tray-packed product, including random pack sizes. The 45TW tray wrapper guarantees years of reliable service, and is ready to ship in as little as two weeks from the order date.

Mode of Operation

1. The system operation begins when products (broad-side leading) transfer from the customer's production line onto the in-feed pacing conveyor of the wrapper.
2. This in-feed pacing conveyor will create the required pacing of the products for the wrapping cycle.
3. The trays will now intersect the film web and pass through the seal frame.
4. When the trailing edge of the product passes through the seal frame the seal bars will close and follow the product.
5. The dwell timer times out and the seal bars open forming a sleeve of film around the product.
6. The sleeved product then conveys into and through the tunnel chamber tunnel where the combination of heat and air flow shrink the film sleeve around the product to form a tight neat package.
7. The bundle now exits the tunnel and passes through a three-way air cooling section and transfers

onto the customer's conveyor to complete the shrink overwrap packaging cycle.

Features

Heavy-duty rugged construction designed for high durability and around-the-clock operation
Laser cut and CNC machined components for maximum precision
Powder coat finish that provides a durable scratch resistant surface and prevents corrosion
Allen-Bradley PanelView 600Plus operator interface with color touchscreen, message display and self-diagnostics
Digital controls for fast and accurate setup when changing product size and film
Bypass mode allows product to pass through the machine without being wrapped and without heating the tunnel
6' infeed belt conveyor for product pacing
Durable Intralox conveyor belts eliminate tracking problems
Continuous-motion telescoping infeed, seal conveyor and carriage for optimum speed and performance
Manual-film splicing bar for quick and easy film changeovers
14" diameter side mounted film cradles for easy film loading
70" single zone shrink tunnel
3-way cooling feature at the tunnel exit for immediate product handling
NEMA 12 electrical cabinet and controls
Central point lubrication simplifies preventative maintenance
Low film alert warns that a film changeover will soon be necessary

Guarding and Finish

All working areas are guarded with clear polycarbonate hinged doors with electrical interlocks
Powder coated finish is standard

Options

Casters for machine portability
Quick-change seal frame cylinder kit for higher speeds
Jib crane to assist with film loading
Dual film cradle for quick film changeover
20" film roll diameter capacity
Alternate voltages available: 208VAC, 220VAC, 575VAC
Print registration – top film only
Seal gap bridge, roller or telescoping, for product 3"-6" long

Example Products

Cans
Plastic bottles
Jars
Glass bottles
Floor tiles
Plates
Cartons

Machine Specifications

Speed: Up to 45 trays per minute
Electrical: 460 VAC, 3 Ph, 60 Hz, 48 A
Air: 80 psi, 30 SCFM

Product Specifications

Width (across machine): 6" to 18"
Length (flow direction): 6" to 15"
Height: 2" to 12"

Film Specifications

Roll Diameter: 14"
Gauge: 3 mil
Roll Width: 27"
Type: Low density polyethylene (LDPE)
Clear or randomly printed

Please [contact Pro Pac](#) or call 888-318-0083 for your shrink bundling equipment.