

## Item # ARPAC 45TW-28, Tray Wrapper Shrink Packaging System

QUOTE



### Tray Wrapper Shrink Packaging System

ARPAC's 45TW-28 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-28 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

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. This in-feed pacing conveyor will create the required pacing of the products for the wrapping cycle.

The trays will now intersect the film web and pass through the seal frame. When the trailing edge of the product passes through the seal frame the seal bars will close and follow the product. The dwell timer times out and the seal bars open forming a sleeve of film around the product. 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. 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

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### APPLICATIONS

Cans  
Floor tiles  
Glass bottles  
Glass jars  
Plastic bottles  
Plates

### FEATURES

- Welded steel frame construction, standard with right hand controls
- 72" in-feed pacing conveyor, in-feed conveyor, 17" wide belt, Intralox 1100 flat top.
- Continuous motion 28" seal carriage, clutch driven forward and pneumatic cylinder driven back
- Seal conveyor is single stage with an Intralox 1100 friction top 17" wide belt
- Tunnel is single blower with Intralox 900 tunnel belt
- Three-way cooling section
- Side mounted single film roll cradles (top &bottom) to accommodate two 14" diameter rolls of film
- Manual film splicing bar (1 hot bar to use with top &bottom cold bars)
- Top &bottom film feed with dancer bar system
- Central point lubrication
- Allen Bradley CompactLogix logic controller
- Allen Bradley PanelView 600 Plus operator interface
- Automatic set-up of size from operator interface
- Low film alert
- Bypass mode

#### Guarding and Finish

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

## OPTIONS

Options	45TW-28 Option, Auxiliary control station without operator interface (will affect lead time) (QUOTE) 45TW-28 Option, Spare parts kit purchased within 14 days of machine order (QUOTE) 45TW-28 Option, Spare roll cradles for top and bottom (will affect lead time) (QUOTE) 45TW-28 Option, Testing of additional products when integrated into a system (each) (QUOTE) 45TW-28 Option, UL/CSA approved main electrical cabinet (QUOTE) 45TW-28 Option, Auxiliary E-Stop (QUOTE) 45TW-28 Option, Casters (QUOTE) 45TW-28 Option, Low tension film assist (QUOTE) 45TW-28 Option, Print registration capability, top roll only, machine de-rates to 35/min (will affect lead time) (QUOTE) 45TW-28 Option, Product guide rails on pacing conveyor (QUOTE) 45TW-28 Option, Quick change seal cylinder kit for shorter seal opening (QUOTE) 45TW-28 Option, Spare parts kit (QUOTE)
Bridge Options	45TW-28 Option, Telescoping bridge for 2.5" long products (will affect lead time) (QUOTE) 45TW-28 Option, Short product transfer bridge for 5" long products (will affect lead time) (QUOTE)
Spare Part Kits	45TW-28-MIN, Model 45TW-28 Minimal Spare Parts Kit (\$1832.10) 45TW-28-STD, Model 45TW-28 Standard Spare Parts Kit (\$5244.79) 45TW-28-FULL, Model 45TW-28 Full Spare Parts Kit (\$11364.86)

## MACHINE SPECIFICATIONS

Speed	Up to 45 trays per minute
Electrical Power Requirements	460VAC, 3Ph, 60Hz, 48A, 38kW
Pneumatic Power Requirements	80 psi, 30 SCFM

## PRODUCT SPECIFICATIONS

Width (across machine)	6 to 18 in
Length (down machine)	6 to 15 in

Height	2 to 12 in
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## FILM SPECIFICATIONS

Film Roll Diameter	14 in
Max. Film Gauge	4 mil
Film Type	Low density polyethylene (L.D.P.E.)
Max. Film Roll Width	27 in
Other Film Specifications	Clear or randomly printed

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## VIDEO

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## SPECIFICATIONS

Delivery Times	8-10 weeks
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