

# Shrink Wrapper Technology



**U-PACK** YZ-BS SERIES  
Shrink Wrapper for TrayPAK

# TRAPAK® Shrink Wrapper for TrayPAK

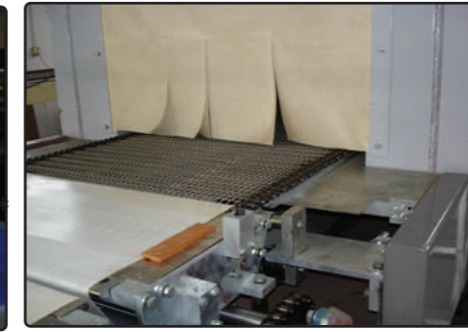
Shrink film packaging machine packaging operation steps:  
 Bottles Infeed - the conveyor belt and guides, dividing unit.  
 The blanks infeeding - blanks storage conveyors and inclined conveyor, conveying blanks to bottles' bottom.  
 Grouping - the product is divided into a certain number of combinations, has intermittent grouping device.  
 Tray Forming - the pre-cut flat blanks folded into a retaining edge around the product.  
 Film Wrapping - the film uncoiling, shearing, wrapping the product.  
 Heat Shrink - heated by hot air tunnel and heat shrink products. Heating time of 5-8 seconds.



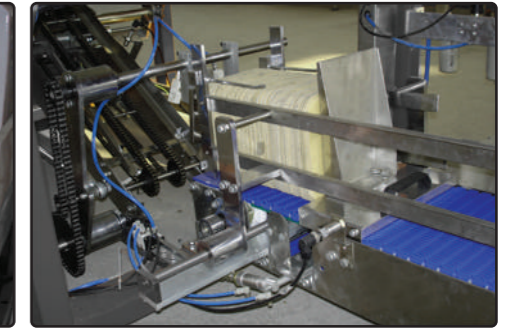
Film system



Product infeed system



Hot Shinking system



Cardboard infeed system

## TRAYPAK® YZ- BS60



The modular structure of the unit combination, strong adaptability and scalable connectivity.

- In the beginning of the design of the equipment, taking into account the future needs of the customer, so that enterprises can configure their own equipment combinations modular design their own development needs, add new packaging function allows you to press the need for development;

Patented design of the film unwinding and cutting device, can be simply and accurately adjust the length of the film.

- Can adjust the length of the film is simple and accurate;
- Has a dedicated servo motor on the film, cut film using clutch control;
- Dual roll film roller exchange membrane time <3 minutes;
- Plastic film runs out automatic shutdown and alarm;
- Plastic film sintered only stays connected to the bottom of the packaging.

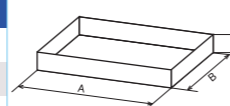
Excellent hot air change flow tunnel. Shrink tightening and beautiful.

- Tunnel deflectors within the hot air not only a uniform inner cavity is blown, and the tunnel within the lower portion of the conveyor chain network can be uniformly heated. Ensure good film at the bottom of lap contraction. And adjustable from the outside of the heat-shrinkable channel the hot gas stream within the channel;
- Double room heating channel, uniform shrinkage;
- Check and replace the heating element is also convenient;
- Rapid cooling fan unit, the outside of the heating channel to help the film-cooling;
- When there is a power failure has manually rotating conveyor belt device, easily heating channel inside the product out.



Model	YZ-BS60
Capacity	30 boxes/min
Case Mode	TetraPAK or Cardboard

Tray size range	
Length (A)	260-450mm
Width (B)	165-340mm



### Advanced control system.

- PLC automatic control, proprietary operator interface LCD display instantaneous and cumulative packaging quantity and printed out through the printer connected to it;
- Electronic touch control panel with touch screen and control buttons control, can also be stored in a variety of different packaging specifications parameters can be directly input parameters and modify packaging varieties;
- All work steps have sensors to detect self-diagnostic function, when any error occurs, the device automatically shut down, the alarm lights flashing, the type of error is displayed on the operation panel;
- Having the logic interlock switch with an external device;
- All electricity, gas control are in line with the latest international standards (CE standard);
- Sets electric the trachea road system can be directly connected to the user's facility;
- The heat shrinkable channel temperature can automatically adjust the display and fault alarm.



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