

BRANDPAC™ BPTW-5000 SERIES



PACKAGING SOLUTIONS THAT MEAN BUSINESS

BRANDPAC™ BPTW-5000 SERIES

SINGLE ROLL CLEAR/PRINT REGISTERED FILM TRAY SHRINK WRAPPER





Model shown: BPTW-5201 (LH)

The BRANDPAC™ BPTW-5000 SERIES is the champion of tray shrink wrapping systems for medium to high volume food and beverage industries. This versatile continuous motion bottom overlap shrink wrapper operates on-demand, without a seal bar, to shrink wrap up to 90 trayed packs per minute, depending on the height and weight of the product.

The BPTW-5000 wraps clear or print registered film around the tray and shrinks the film to make transportable tray-packs.

Showcase your product through clear film, or improve marketability with accurate placement of graphics on each package. Print registered film provides an attractive forum for your retail marketing message

at a fraction of the cost of traditional paperboard packaging. The finished package is an easy to carry tray pack that is appealing to the consumer.

The user-friendly ARPAC operator interface offers simple product changeovers and self-diagnostics. Quick product changeovers take place in less than 15 minutes with the BPTW's pre-programmed product settings, adjustable infeed lane guides and film splicer.

The BPTW-5000 system is a combination shrink film tray wrapper and shrink tunnel. Easily integrated with other packaging equipment, the BPTW-5000 guarantees years of continuous service.



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- attractive tray-packs for retail display
- billboard effective print registration within 1/4 inch
- recyclable packaging materials
- cost effective (material and labor)



clear film

print registered film



Infeed Section



Acceleration Conveyor Section



Overwrap Section



Transition Conveyor Section to Tunnel



Finished Product Exits the Shrink Tunnel
Through 3-Way Cooling Section



Servo Controlled Precise Wrapping

The on-demand wrapping action of the BPTW-5000, with a servo-controlled acceleration conveyor, ensures gentle product handling of randomly spaced products while keeping pace with production. When the BPTW-5000 is coupled with an available pacing infeed conveyor, the on-demand action eliminates the need to synchronize with existing equipment.



Quick Product Changeovers and Easy Maintenance

This rugged overlap shrink wrapper is equipped with time saving, low maintenance features. A standard chain driven Intralox plastic belt and live roller transfer conveyor does not require tedious tracking, and both are easier to clean than other conveyors. Product changeovers can be completed in less than 15 minutes with the BPTW's pre-programmed settings, adjustable infeed guides and side film rack.



Compact Design

The sturdy, compact BPTW-5000 design is a welcome addition to even the most space conscious plant layouts. The wrapper's control panel and easily accessible mechanisms are added benefits of this efficient design.

THE PROCESS FOR BOTTOM OVERLAP WRAPPING



Servo Controlled Film Feed for Exact Print Registration



Film Cut from the Supply Roll



Smooth Motion Wrapping



Bottom Overlap Wrapped Sleeve Continues to Shrink Tunnel



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- up to 90 bundles per minute (see chart)
- wraps tray-packs and unitized product
- single roll
- continuous motion bottom overlap
- print registered or clear film
- rugged construction



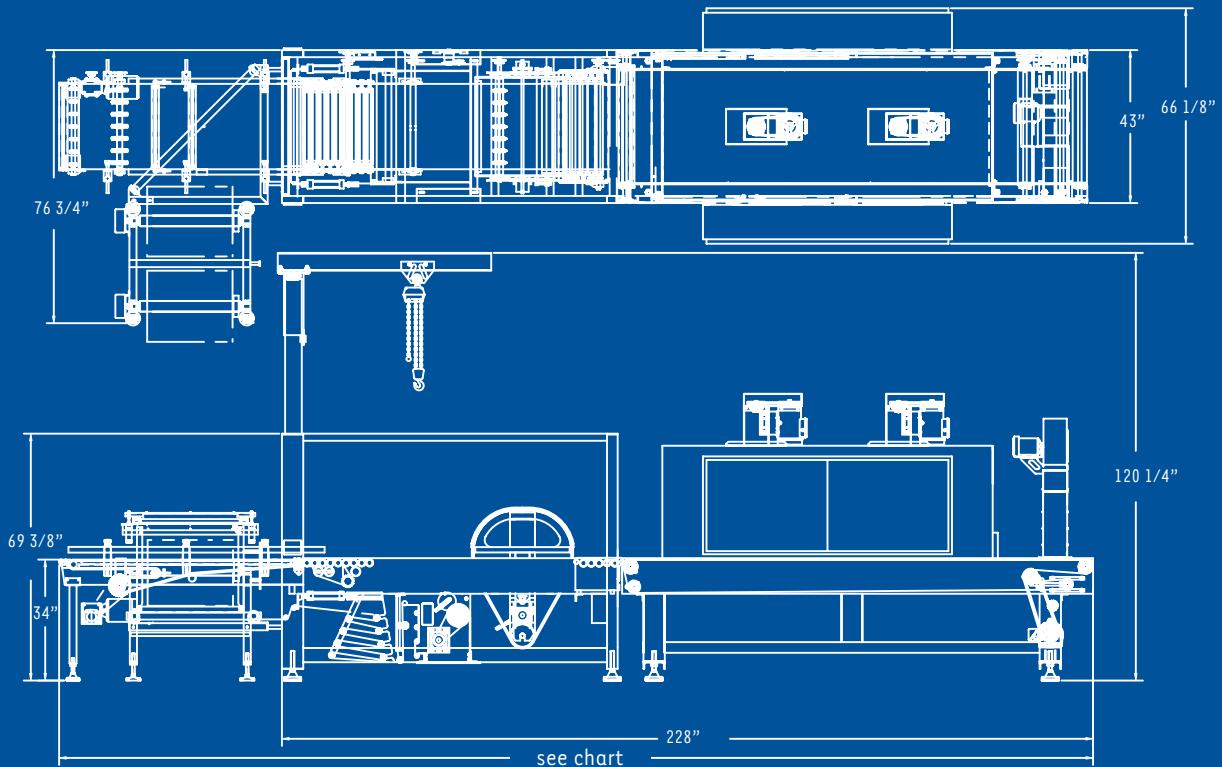
Side Film Rack with Splice Bar



User-Friendly Operator Interface
with Color Touchscreen

FEATURES

- Printed film registration for accurate placement of printed graphics
- Heavy-duty frame construction with welded joints for high durability
- Laser cut and CNC machined components for maximum precision
- Steel-It paint provides a scratch resistant surface and prevents corrosion
- Fully guarded for safety and easy access
- Gentle product handling for tall bottles and other unstable products
- Servo driven overwrap for smooth and efficient film wrapping
- Servo-driven mechanical film feed is low maintenance and can adapt to a wide range of film lengths (no vacuum)
- Side mounted film rack and film splicing bar for quick and easy film changeover with little or no downtime
- Allen-Bradley® programmable controller
- ARPAC operator interface features a color touchscreen with message display and self-diagnostics
- On-demand wrapping action handles randomly spaced products
- Pass through mode can be activated when wrapper is not operating, eliminating need for bypass conveyor
- 3-way cooling section at the tunnel exit
- Low film alert warns that a changeover may soon be necessary
- Central point lubrication for routine maintenance without stopping production
- Right or left hand operator station and film rack is available
- Standard machine mounted jib crane to assist with film loading
- Air conditioning standard on main electrical enclosure



Left hand BPTW-5301 with dual zone tunnel
Opposite hand available on request

SPECIFICATIONS

Speed

- Up to 90 packages per minute (see chart)

Power Requirements

- Electrical: 480V, 3Ph, 60Hz, (see chart)
Other voltages available on request
- Pneumatic: 80 psi, 30 SCFM at 50 cycles per minute

Product Range

- 6" to 20" width across machine (AM)
- 5" to 12" length down machine (DM)
- 3" to 12" height

Film

- Film width: 6" min., 26" max.
- Clear, print registered or randomly printed
- Film roll diameter: up to 20" with a 3" core
- Film gauge: 1.75 mil. to 2.5 mil.
- Film type: polyethylene

BPTW MODEL CHART			
Model	Speed	Power	Length
5200	up to 45	97A (72kW)	267 1/8"
5300	up to 70	125A (99kW)	290 5/8"
5400	up to 90	194A (144kW)	380"

