

Continuous Motion Shrink Bundler

Our ARPAC Brand BPSW Model is a continuous motion, high-speed, bottom overlap packing system specifically designed for the roofing shingle industry, or other wide product applications.

This heavy-duty system is designed to operate in 24/7 production environments. The BPSW operates on demand, without a seal bar, to produce up to 45 shrink wrapped bundles per minute. Shrink film is quickly becoming the preferred alternative to paperboard for the shingle industry. At a fraction of the cost of paperboard, printed film provides an attractive forum for your retail marketing message. Shrink is also more favorable than paperboard in protecting the product when stored outside. Shrink provides better moisture control giving the product longer shelf life.

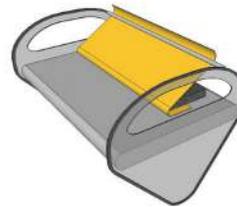
THE PROCESS FOR BOTTOM OVERLAP WRAPPING



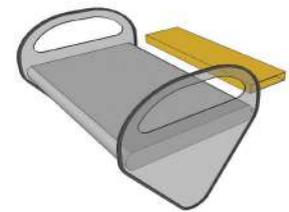
Servo Controlled Film Feed
for Exact Print Registration



Film Cut from the Supply Roll



Smooth Motion Wrapping

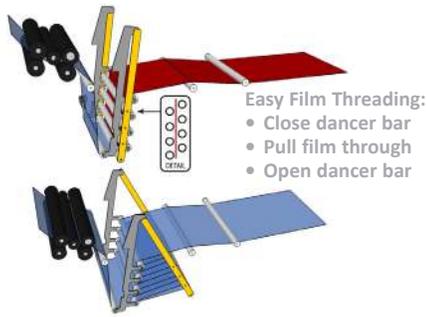


Bottom Overlap Wrapped
Sleeve to Shrink Tunnel



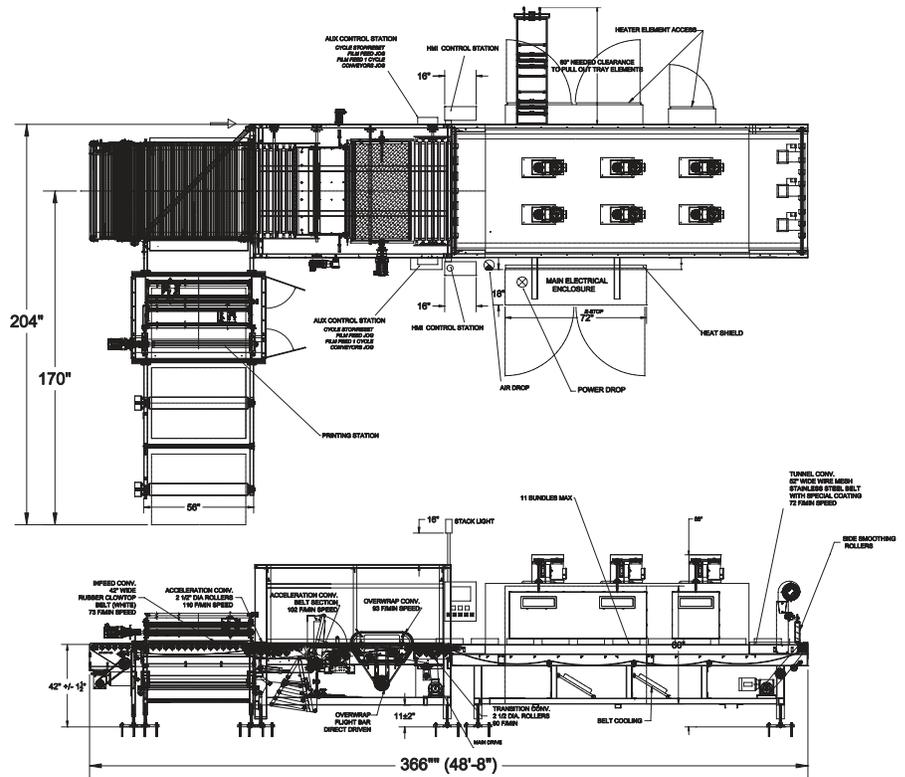
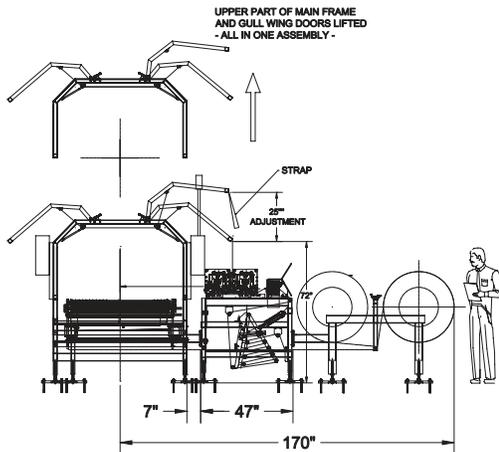
APPLICATIONS

- Automotive
- Beverage
- Building Supplies
- Consumer Goods
- Contract Packaging
- Food
- Health & Beauty
- Material Handling
- Printing & Publishing



Easy Film Threading:

- Close dancer bar
- Pull film through
- Open dancer bar



Final layout may vary.

FEATURES

- Speeds up to 45 bundles per minute
- Heavy-duty frame construction with welded joints for high durability
- Laser cut and CNC machined components for maximum precision
- Servo controlled precise overwrap system
- A unique film feed system dispenses, on demand, single sheets of film cut to size from a single print registered film roll
- Dual side mounted film rack with splice bar and spare film roll to reduce down time
- Low film alert warns that a film changeover will soon be necessary
- nVenia operator interface with color touch screen and self diagnostics
- Central point lubrication allowing routine maintenance without stopping production
- Integrated shrink tunnel with a triple turbo cooling unit expedites film curing and stabilizes product in the package as it cools
- Tough polyurethane belt on acceleration and overwrap conveyors
- Uses clear or print-registered polyethylene shrink film

OPTIONS

- Optional side smoothing rollers at tunnel discharge
- Can be customized to your product specification.

SPECIFICATIONS

- Up to 45 packages per minute
- Power Requirements
- Electrical: 460 VAC, 3 Ph, 60 Hz, 200 A, 47 kW or 77 kw (Other voltage available on request)
- Pneumatic: 80 psi, 20 CFM
- Product Range: 30" to 42" W across machine (AM) 7" to 14.5" L down machine (DM), 2.25" to 5" H

FILM

- Max. film width: 52"
- Clear or randomly printed, single wound
- Film roll diameter: up to 20"
- Optimal Film gauge: 1.75 mil. to 4 mil. polyethylene