

### Continuous Motion Shrink Bundler

The ARPAC Brand GI Series shrink bundling machines meet the needs of low to medium volume printers and interacts with today's 18,000 to 20,000 books-per-hour binding lines, presorted postal route sequencing applications and the printing industry's fastest counter-stackers. They have also been applied to many other consumer product bundling applications.

The GI Series is capable of wrapping extremely short, lightweight and random sized products, and is ideal for e-commerce applications. Shrink wrapped bundles reduce movement and product damage during shipment, and provide protection against harmful environmental conditions. This equipment wraps random sized stacks on demand, without interrupting production of the wrapper itself. The zero tension film feed ensures that this compact and economical shrink bundler wraps up to 55 products per minute for our 55GI version and up to 75 products per minute for our 75GI version.



75GI Model Shown

#### APPLICATIONS

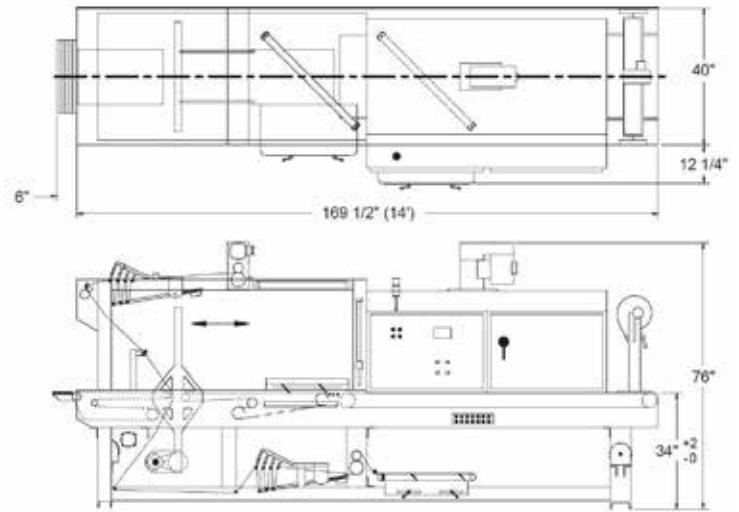
- Automotive
- Beverage
- Building Supplies
- Consumer Goods
- Contract Packaging
- Food
- Health & Beauty
- Material Handling
- Printing & Publishing

## FEATURES

- Heavy-duty rugged construction designed for high durability and around-the-clock operation
- Compact, single frame design (wrapper with integrated tunnel)
- Laser cut and CNC machined components for maximum precision powder coat finish
- Speeds up to 55 or 75 bundles per minute – model dependent
- Wraps random sized stacks on demand
- Continuous motion seal head provides smooth and quick transitions of product through the wrapper at high speeds
- Quick change plasma-coated seal bars for long life and easy maintenance
- Timing belt stabilized seal frame reduces maintenance and dirt accumulation
- Independent variable speed drives on the wrapper and tunnel
- Zero tension film feed prevents paper sheets or slippery magazines from shingling
- Side mounted film cradles for quick and easy film loading
- Shrink tunnel with product cooling section at the tunnel exit speeds film curing
- Durable Intralox conveyor belts eliminate tracking problems
- Low film alert warns that a film changeover will soon be necessary
- Allen-Bradley® programmable logic controller with nVenia standard operator interface
- Digital controls for fast and accurate setup
- NEMA 12 electrical cabinet and controls
- Central point lubrication allows for routine maintenance without stopping production

## OPTIONS

- Split belt conveyor allows wrapping of short and lightweight products. This is typically used for e-commerce applications where product is placed on a chipboard or corrugated pad prior to wrapping
- Collating systems for grouping stacks of products together before they proceed through the seal frame and into the shrink tunnel
- Quick-change seal frame cylinder kit for higher speeds
- On certain high-gloss or stitched products, static charging may be necessary to hold the bundle together while shrink wrapping. Please consult ARPAC when this may be an issue
- Casters for machine portability
- Side smoothing roller to iron out odd shape bullseyes



Final layout may vary.

## SPECIFICATIONS

- Speed: up to 55 packages per minute (Model 55GI); up to 75 packages per minute (Model 75GI)
- Electrical requirements: 480VAC, 3Ph, 60Hz, 40A (Model 55GI); 480VAC, 3Ph, 60Hz, 50A (Model 75GI)
- Other voltages available upon request
- Compressed Air Requirements: 80 psi, 30 SCFM (Model 55GI); 80 psi, 12 SCFM (Model 75GI)
- Minimum product range: 5" W x 7" L x 3/16" H
- Maximum product range: 12" W x 18" L x 10" H
- Film roll diameter: up to 14" with a 3" core
- Film gauge: 1.5 mil to 2.5 mil (Model 55GI); up to 6 mil maximum (Model 75GI)
- Film type: Low Density Polyethylene (L.D.P.E.)
- Other Film Specifications: single wound, clear or randomly printed

## MACHINE DIMENSIONS

- 150" L x 52.25" W x 76" H (Model 55GI)
- 175.5" L x 52.25" W x 76" H (Model 75GI)