



# 55GI

## CONTINUOUS MOTION SHRINK BUNDLER FOR THE PRINTING & PUBLISHING INDUSTRY

ARPAC's industry-leading 55GI shrink bundler meets 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.

The 55GI is capable of wrapping extremely short stacks, lightweight products and random sized bundles, and is ideal for e-commerce applications. Shrink wrapped bundles reduce movement during shipment, and provide protection against harmful environmental conditions.

The 55GI 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 bundles per minute. Typical applications include: stacks of magazines, catalogs, books, directories and brochures.

The 55GI is manufactured in the USA in accordance with ARPAC's Lean Manufacturing Process (AM<sup>2</sup>) to ensure quality, performance and value.



### APPLICATIONS

- Magazines
- Periodicals
- Newspapers
- Catalogs
- E-commerce applications
- Mailers
- Paper Products
- Tabloids
- Books



User-Friendly Operator Controls



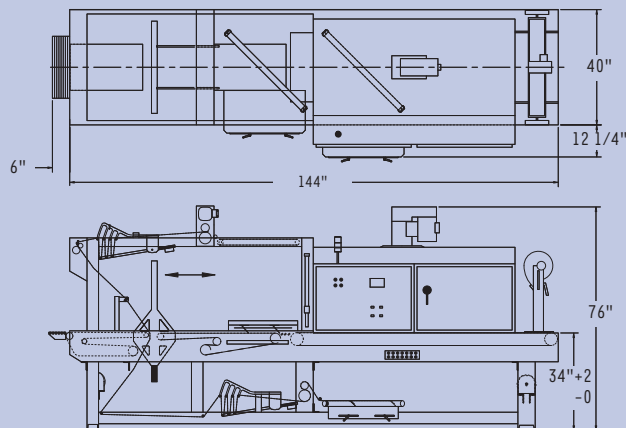
Side Mounted Film Cradles and Splice Bar for Quick and Easy Loading



Automatic Product Height Detection for Random Sizes

## 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 that provides a durable scratch resistant surface and prevents corrosion
- Speeds up to 55 bundles per minute
- 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 ARPAC 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



## SPECIFICATIONS

### Speed

- Output speed: up to 55 packages per minute

### Power Requirements

- Electrical: 480V, 3Ph, 60Hz, 40A, 32kW  
Note: other voltages available on request
- Pneumatic: 80 psi, 30 SCFM

### Product Range

- Width: 5" to 12"
- Length: 7" to 18"
- Height: 3/16" to 10"

### Film

- Film width: 19" max., 6" min.
- Clear or randomly printed
- Film roll diameter: up to 20" with a 3" core
- Optimal film gauge: 1.5 mil. to 2.5 mil.  
low density polyethylene (L.D.P.E.)

## 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 rollers to iron out odd shape bull's eyes



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