



ARPAC
GROUP

75GI

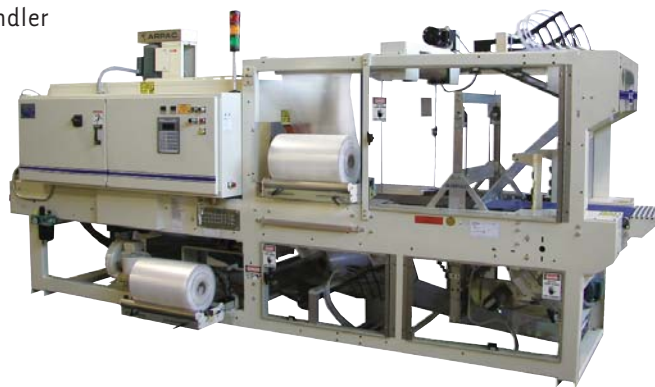
SERVO-DRIVEN SHRINK BUNDLER FOR THE PRINTING & PUBLISHING INDUSTRY

ARPAC's servo-driven 75GI shrink bundler guarantees superior performance for the high-volume printing and publishing industry. Wrapping up to 75 bundles per minute, this compact shrink bundler wraps random stacks of printed material such as magazines, catalogs, books, directories, brochures and other lightweight materials on-demand, without interrupting production.

Servo-driven operation offers precise electronic control for immediate and accurate sealing action, ensuring strong, consistent seals. The seal opening height is electronically programmed to vary with product height, maximizing output speeds for smaller products.

Designed to interact with today's 18,000 to 20,000 books-per-hour binding lines, the 75GI is perfect for presorted postal route sequencing applications, and the printing and publishing industry's fastest counter stackers.

The 75GI is manufactured in the USA in accordance with ARPAC's Lean Manufacturing Process (AM²) to ensure quality, performance and value.



APPLICATIONS

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



User-Friendly Operator Controls



Servo-Driven Sealing System for Lower Operating Costs and Better Efficiency



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 75 bundles per minute
- Wraps random sized stacks on demand
- Servo controlled continuous motion seal head provides smooth and quick transition of product through the wrapper at high speeds
- Servo drives provide excellent repeatability throughout the life of the machine
- 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 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

Servo drives enhance this industry standard's performance by eliminating pneumatic components. These drives significantly reduce wear, maintenance and utility costs, and extend the life of the seal carriage. Servo drives ensure smooth operation while providing high quality sealing for the life of the machine.

SPECIFICATIONS

Speed

- Output speed: up to 75 packages per minute

Power Requirements

- Electrical: 480V, 3Ph, 60Hz, 50A, 40kW
Note: other voltages available on request
- Pneumatic: 80 psi, 12 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 14" 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 thin 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
- 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 smooth out odd shaped bull's eyes

