

SHRINK BUNDLERS



PACKAGING SOLUTIONS THAT MEAN BUSINESS

SHRINK BUNDLERS

CUSTOM-DESIGNED SHRINK BUNDLING EQUIPMENT

SHRINK BUNDLER SERIES

Versatile custom-designed shrink bundlers

With over ten thousand systems installed worldwide, the ARPAC GROUP specializes in manufacturing heavy-duty, standard and custom-designed shrink packaging, corrugated packaging and stretch wrapping systems for a broad range of industrial users.

The ARPAC GROUP's extensive line of shrink bundlers can be designed for just about any application. Collated bottles, cans, bags, stacked cartons, paper products and building materials are just a few of the products shrink banded by ARPAC.

Less expensive than traditional corrugated packaging, shrink bundling is increasingly becoming a preferred packaging method. In addition to improved product protection from dirt, moisture and other harmful environmental conditions, shrink banded packages typically require less handling and have increased marketing appeal. Through the use of clear or printed shrink films, shrink wrapped packages have strong shelf presence and are perfect for retail display.



Each ARPAC shrink bundler is designed with the customer's specifications in mind, taking into consideration: product size; line speed; film gauge; use of clear or print

registered film; type of side closure; final package appearance; and product handling concerns.

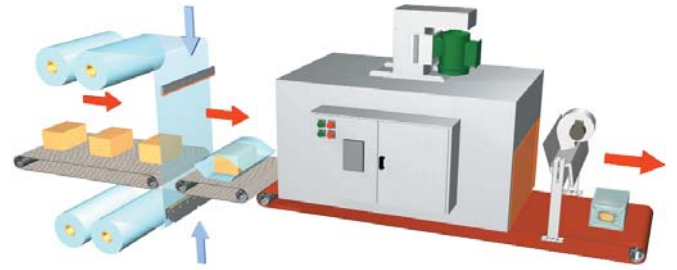
All ARPAC machinery offer a simple design, extreme flexibility and rugged durability that is second to none. ARPAC shrink packaging systems meet OSHA safety standards, boast many easy-to-maintain features and provide quick and easy changeover capabilities. Always constructed using heavy-gauge, laser cut structural steel, ARPAC shrink bundling systems are designed for years of continuous service.



Packaging Solutions that Mean Business

INLINE

The most basic shrink bundler



Inline shrink bundlers are ARPAC's most basic shrink bundling systems, available in semi or fully automatic, intermittent or continuous motion versions. Designed to

handle an array of stable products, these machines are typically used to shrink wrap individual items, boxes, trays and bundles of multiple products.

A rugged, simple design makes the inline bundlers ideal for shrink bundling nearly any flat product, including very large products, such as: tables, chairs, shingles, doors, windows and pizza boxes. An optional side sealing system helps produce packages with a full enclosure, further protecting the product and enhancing its aesthetic appeal.

Economical in price and simple to use, the inline shrink bundlers are ideal for fulfilling basic shrink packaging needs.



APPLICATIONS

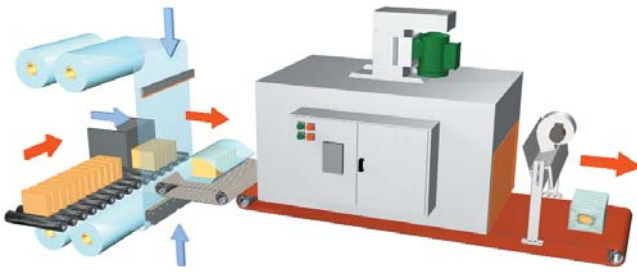
- Trayed product
- Rolled product
- Floor mats
- Corrugated flats
- Doors
- Windows
- Roofing shingles
- Ceiling tiles
- Ceramic tiles
- Ice cream

MODELS

25TW, 45TW, 65TW, 105, 105TW, 55GI, 75GI

RIGHT-ANGLE INFEED

The ideal bundler for unsupported products



Fully automatic right-angle bundlers utilize a ram to stabilize and push the product through a web of shrink film. Designed to collate a predetermined

bundle size/configuration, typical applications include: a variety of shapes and sizes of bottles, small cartons, trays, paper products and virtually any other small or lightweight product.

Compact in design, these machines are perfect for offline applications, or when floor space is limited. The right angle infeed bundlers can be customized with integrated product handling features, such as product stacking, collating, upending and turning, eliminating the need for additional stand-alone equipment.

Compact design and product handling features make these machines the ideal shrink bundlers for crowded production areas.



APPLICATIONS

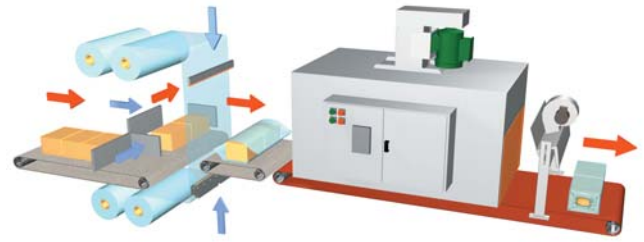
- Trayed product
- Ice cream pints
- Bottles
- Boxes/cartons
- Directories
- Oil filters
- Tubs
- Cans
- Board games
- Metal shelving

MODELS

108, 108D, 108F, 708HB, 708HBD, 118, 118D, 128, 128D, 218, 228

HORIZONTAL Z-FLOW

The perfect way to collate products



Horizontal Z-Flow bundlers utilize two product rams to create an offset inline flow. Z-Flow bundlers are commonly used for collating

and wrapping bottles, bags and small cartons.

The rams approximate inline flow, then push the product through the shrink film. The result is enhanced product handling, ideal for lightweight or unstable products. Horizontal Z-Flow bundlers are often integrated with other equipment, including pad inserters and coupon placers. Additionally, these wrappers can be equipped with integrated stackers, upenders, collators and other product handling features to create a variety of bundle configurations.

The product rams provide additional collating flexibility when the plant layout prohibits the use of a right angle wrapper.



APPLICATIONS

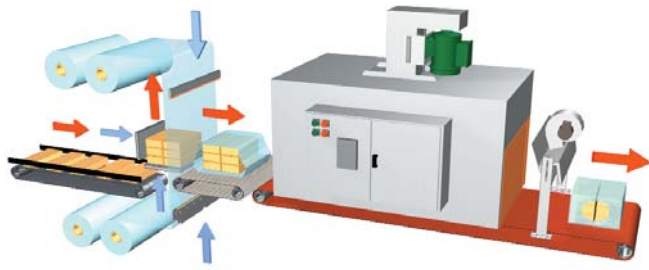
- Boxed product
- Paper bundles
- Bags
- Bottles
- Cartons

MODELS

116 and 216

VERTICAL Z-FLOW

Optimize speed, orientation and floor space



ARPAC's fully automatic vertical Z-Flow bundlers employ a lifter to group products, and a ram to push the grouped products through the shrink film.

The lifter may also be used as a product pacing device. Vertical Z-Flow bundlers are perfect for computer software, videotapes, books and nearly any other boxed product.

The vertical Z-Flow bundlers eliminate the need to manually stack products, thus reducing labor costs and eliminating the need to purchase additional product handling equipment. The integrated stacker lifts the products from the bottom, ensuring stability, uniformity and preventing damage. Vertical Z-Flow bundlers may also be equipped with product hold downs or other devices to prevent jams and enhance stability.

These bundlers are a great way to optimize speed, product orientation and floor space.



APPLICATIONS

- Boxed product
- Computer software
- Books
- Reams of paper
- Board games

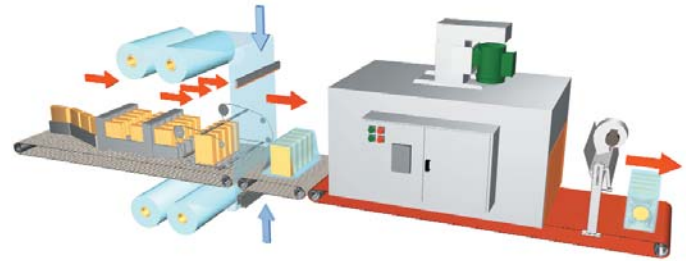
- Office supplies

MODELS

107 and 117

FLIGHT BAR

Cost-effective multi-packing



Inline flight bar systems utilize a lane divider to create the required number of rows. A collating device then releases product into the continuous motion

flight bar, which groups and pushes the pack through the shrink film. These intermittent-motion wrappers are perfect for cans, bottles, boxes, jars or virtually any other multi-packing application.

A wide variety of lane dividing and collating devices are available to accommodate an array of products and multi-pack configurations. The multipacks are wrapped unsupported, eliminating the need for a corrugated pad or tray. Furthermore, these bundlers often incorporate a dual lane configuration, which can double the output of the system.

The inline flight bar machines (intended for versatile multi-packing) can produce a wide variety of multi-packs at a fraction of the cost of competitive machines.



APPLICATIONS

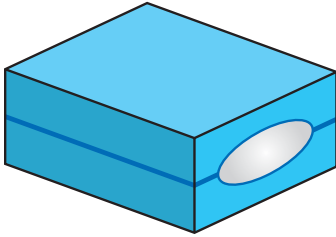
- Boxed product
- Cans
- Bottles
- Jars
- Bags

MODELS

104, 104D and 204

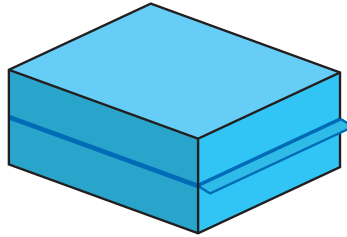
SHRINK FILM ENCLOSURES

Arpac offers a wide variety of shrink bundle side closure options



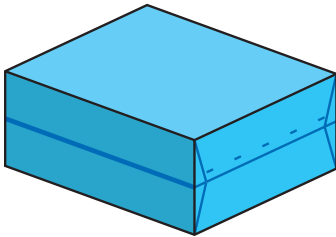
Cross Seal or "Bull's-Eye"

Open end enclosure with an area void of shrink film on the sides of the bundle. Ideal for most applications.



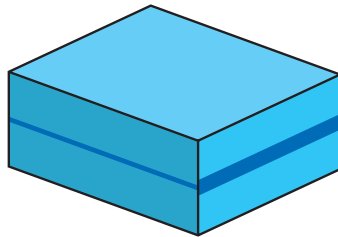
Side Seal No Trim or U-Bar

Full enclosure. Complete side seal following completion of cross seal. Excess film can be smoothed to the sides.



Side Fold and Tack

Full enclosure with no excess film and no need for scrap removal. Pieces of film are heat tacked together.



Side Seal with Trim Cutoff

Full enclosure. Complete side seal following completion of cross seal. Excess film is removed from the sides.



Quick-change Plasma Coated Seal Bar



ARPAC Operator Controls



Central Point Lubrication

FEATURES

- Robust, welded steel frame construction for enhanced machine durability
- Laser cut and CNC machined components for maximum precision
- Powder coat finish that provides a durable scratch resistant surface and prevents corrosion
- Clear Lexan guard doors with interlocking safety system for operator protection and easy access
- Full protective guarding of all moving parts, pinch points and hazardous areas for operator safety
- ARPAC operator interface featuring a touch pad, four line alphanumeric display and self diagnostics for user-friendly operation
- Digital temperature controllers with programmable alarms to monitor operation
- Independent Allen-Bradley® drive controllers for optimum drive speed control
- Stack light and alarm horn provide audio and visual indications of machine conditions
- Low film alert warns that a film changeover will soon be necessary
- Central point lubrication simplifies preventive maintenance
- Film racks or cradles with tool-less film core chucks facilitate fast and safe film changing and loading
- Low inertia film dancers for fast film threading and accurate film feed
- Quick-change plasma coated seal bar for fast and simple maintenance
- Heavy-duty shrink tunnel with easy air diverting louvers for proper film shrinking
- ARPAC's award-winning operator manuals with complete bill of materials
- One-year warranty

OPTIONS

- Stainless steel construction
- NEMA 4X electrical enclosure for washdown environments
- Casters for increased machine mobility
- Bypass mode to allow the machine to be used as a conveyor only
- Power jib crane to simplify loading of heavy film rolls
- Side-mounted film racks for easy access to film rolls
- Film splicing bar to facilitate film changeover
- Product handling devices, including upenders, turners and stackers
- Hold down devices to stabilize lighter products
- Side seal bars for packages with a full enclosure to increase product protection
- Cooling section for quick shrink film curing and tightening
- Machine startup by ARPAC's expert technical service representatives
- Machine-specific training featuring classroom, multimedia and hands-on programs



The ARPAC GROUP Customer Service Group guarantees world class customer support. Our technicians are experts in every aspect of final assurance, installation, customer training and support for our entire line of equipment.

We provide over-the-phone trouble shooting, on-site diagnostics and repairs, and training so that your operators and maintenance crews have the knowledge to keep your machine running efficiently and productively. The ARPAC GROUP houses a 4 million dollar inventory of spare parts with an 8 person call center, staffed daily and on an emergency basis to better service our customers.

Call us to find out how we mean business for you.



ARPAC L.P. 9511 West River Street | Schiller Park, IL 60176 USA | P 847 678 9034 | F 847 671 7006 | www.arpac.com

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