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COMPANY OVERVIEW

For 50 years, Polypack, Inc. has supplied the finest shrink-wrapping and bundling equipment to many industries including the dairy, personal care, pharmaceutical, nutraceutical, beverage and food processing industries. Polypack continues to innovate by integrating robotics, servos, and unique packaging features and configurations never before seen in the marketplace.

Polypack’s product line has evolved from a few models of shrink wrappers to a diverse range of packaging equipment. These designs include total closure forming heads (horizontal, form, fill and seal) shrink wrappers, sleeve wrap (bullseye) shrink wrappers, fully automatic tray loaders / formers, label orientation and robotic pick and place equipment, which includes our patented ROKH system.

In addition, Polypack has developed patented packaging solutions for retail packs. Polypack’s patented Nested Packs™ use staggered rows for bottles, cans, or jars to create a dense, stable pack. Unlike traditional methods that rely on corrugate to align rows, Nested Packs™ completely eliminate the need for corrugate, and the material savings are huge. This patented pack allows for increased product quantity for a given package size, and offers unique marketing opportunities and package design possibilities.

Another unique innovation from Polypack is the groundbreaking HandleWrap™ technology. This patented technology utilizes an internal strip of high tensile film that fuses to the bundle’s shrink film during the shrink wrap process. The end result is a fully integrated carrying handle that remains completely inside the pack until the consumer pierces through the perforated film to access it. Polypack’s patented HandleWrap™ can be combined with Nested Packs™ to create a pack that incorporates the latest, most useful packaging solutions ever seen in the industry.

All Polypack packaging equipment is engineered to shrink-wrap products of various shapes and sizes, individually or in multipack configurations, unsupported, in trays or on pads. Polypack tailors every machine to best fit our customer’s needs, while maintaining modular capability.

EQUIPMENT

• Total closure forming head wrappers
• Sleeve wrap (bullseye) shrink wrappers
• High-speed shrink wrappers
• Fully automatic tray loader / formers
• Patented robotic pick and place systems
• Print registered bundlers
• Carry handle applicators
• Stretch wrappers
ADVANTAGES TO SHRINK PACKAGING

- Many club stores require multi-pack shrink solutions from their vendors due to the lower cost of shipment, end-product disposal, and storage space.
- Shrink Film represents an enormous price advantage over traditional packaging methods.
- The low volume and weight of shrink film minimizes storage space.
- Shrink film offers protection from humidity, dust, and dirt.
- Shrink packaging allows for storage in the refrigerator, ice, or water.
- Printed shrink film is an attractive alternative to traditional packaging methods and can help increase brand awareness and loyalty.
- Up to 75% less shrink material is needed compared to corrugated products.
- Products wrapped in shrink film are tamper evident.
- For a given packaging requirement, no other form of packaging uses less resources or energy.
- Shrink film equipment requires less floor space.

Think Savings. Think Green. Think Shrink!
PRESS RELEASE

Polypack introduces the affordable, versatile TANGO 24 shrink wrapper!

The New TANGO 24 Shrink Wrapper

Polypack is ushering in a new generation of print registration shrink wrappers with the TANGO 24. The all new TANGO 24 is an inexpensive, compact, print-registered shrink bundler that offers complete versatility with three different, interchangeable infeeds. The TANGO 24 can be had with an inline infeed, and inline flood infeed, or a side infeed, flight bar infeed and these modules can be changed in less than 10 minutes. The TANGO 24 uses an intermittent motion wrapping assembly that does not use a seal bar and is capable of running up to 20 bundles per minute. In addition to the versatility afforded by the various infeed options, the TANGO 24 can run clear film, random pattern printed film, or print registered film! Competitively priced, the TANGO 24 is the perfect solution for slower speed lines whose products need to maintain a competitive edge in the marketplace.

Here’s a Video: http://www.polypack.com/videos/tangocomp.wmv

Key Benefits

- Versatile shrink wrapper with three interchangeable infeed options
- Run clear, random printed, or print registered film on the same machine
- NO SEAL BAR
- Affordable print-registration, starting at only $75,000
- High efficiency shrink tunnel conserves heat and reduces energy consumption

See this machine at Pack Expo Las Vegas 2009, booth #C2409!
Polypack’s revolutionary Nested Pack™ eliminates the need for trays and pads, and offers a strong, stable pack that saves space and cuts costs on consumables.

**The Nested Packs™ (Patent Pending)**
Polypack’s Nested Packs™ use staggered rows to create dense packs that eliminate the need for corrugate. Traditionally, trays or pads have been used to keep the columns/rows in line. By nesting the cans/bottles into a predetermined geometric shape, the end result is an extremely strong, super dense pack that can completely eliminate the need for trays or pads. This amounts to HUGE Savings! Nesting allows for an increased product quantity with the same footprint as traditional bundles. Palletizing efficiency is the same or better. The Nested Pack™ improves space consumption on the shelves. The Nested Pack™ offers a unique and eye-catching look that heightens the product’s shelf appeal.

**Key Benefits:**
- Eliminates the need for trays and pads, which significantly decreases costs.
- Allows for increased product quantity for a given package size.
- Offers unique and innovative marketing possibilities and package design.

Here’s a video: [http://www.polypack.com/nestedpack.wmv](http://www.polypack.com/nestedpack.wmv)

**See Nested Packs™ at Pack Expo Las Vegas 2009, booth #C2409**
Press Release

Polypack’s fully integrated HandleWrap™ provides a snag-free, convenient carrying handle without the need for secondary equipment!

HandleWrap™ (Patent Pending)
Polypack is pleased to introduce HandleWrap™, a completely integrated carrying handle that remains inside the pack until it is used. Polypack’s HandleWrap™ uses a strip of high tensile film that is applied at the same time as the bundle’s shrink film, and it fuses to the pack during the shrink process. There are no cumbersome tapes or tape applicators required. The HandleWrap™ can use clear, colored, or random pattern printed handle film. To use HandleWrap™, the consumer locates the handle, centerline of the pack, and pierces their fingers through the perforations on top of the shrink bundle. The consumer then grabs hold of the internal HandleWrap™ to transport the bundle.

Key Benefits:
- A convenient carrying handle that supports the full load of the bundle, without using corrugate.
- Does not require secondary equipment, tapes, or tape applicators.
- HandleWrap™ remains inside the pack until it is used, with no chance of it tearing during stacking or usage.
- Can be combined with the Nested Pack™ for a unique packaging solution that appeals to consumer sensibilities.

Here’s a video: http://www.polypack.com/videos/handlewrap.wmv
PRESS RELEASE

Polypack’s Robotic Pick & Place system with built-in case packer!

POLYPACK Inc. (Tampa Bay, Florida) has a long tradition of smoothly handling of unstable products. Polypack’s patented robotic pick and place system is the perfect solution to loading and unloading oval shaped or unstable products. Robotic gripper assemblies pick up products from an infeed conveyor at any angle, and place the products directly onto the shrink film on a bucket conveyor, where they remain throughout the shrink process. The products can be split, stacked, rotated and collated into any desired configuration and interchangeable grippers provide versatility to pick up products of various shapes and sizes. With quick-change gripper assemblies and adaptability to handle all types and sizes of products, the ROKH™ groups products and places them onto a bucket conveyor for shrink wrapping. A discharge Gantry automatically places the bundles into an erected tray/case or onto a corrugated blank to form a wraparound tray/case.

Key Benefits:

- Intermittent or continuous motion Pick & Place loading
- Speed up to 50 bundles per minute!
- Integrated inline or into the side of a current line
- Products can be stacked, rotated or collated into any desired configuration
- Adjustable grippers to accommodate different shapes and dimension products
- Built-in case packer available


See this machine at Pack Expo Las Vegas 2009, booth C2409!
PRESS RELEASE

CLEAR OR PRINTED FILM MULTIPACK?
Polypack’s new CLEARPRINT wrapper can run both with a quick and easy changeover. Polypack introduces its new SIMPLER, SMALLER & CHEAPER CLEARPRINT WRAPPER.

Polypack’s introduces the unique CLEARPRINT wrapper series. It is simpler, smaller, cheaper, and above all, uses a patent pending integrated film perforation system which perforates the film before multipacking products. Consequently, CLEARPRINT machines are capable of running film less than 1 mil thick and require minimum maintenance. Capable of using clear or printed film, these shrink wrappers are compact and the changeovers are made quickly and easily. The CLEARPRINT is also offered with Nested Pack™ and HandleWrap™ options to create an enhanced retail pack.

Key Benefits:
- Affordable
- Light Gauge Film: < 1 mil or higher
- Compact Size: 25 feet
- Stainless Steel
- Simplicity
  a. Patent pending continuous web delivery rather than single sheet delivery
  b. No vacuum or belt positioning system
  c. Patent pending belt drive film applicator
  d. Allows the use of pre-perforated film (patent pending)
- Runs clear or print registered film
- Available with Nested Pack™ and HandleWrap™ options

Here's a video: http://www.polypack.com/videos/cpcomp.wmv
PRESS RELEASE

Film Source International, a division of Polypack, is now the exclusive dealer for Atlanta Stretch machines in the U.S and Mexico. Film Source International proudly introduces a complete line of stretch wrappers to fulfill growing distribution demands.

The SFERA Robotic Stretch Wrapper
Polypack introduces the SFERA, a self-propelled, robotic stretch wrapper that can wrap palletized loads of any shape, weight, and size. It is capable of wrapping a pallet within one minute. Rather than spinning the pallet, the SFERA circles around the pallet, automatically applying the stretch film with a mechanized arm. The SFERA is compact in size, allowing for economical shipping and nimble maneuverability. It does not require maintenance, and does not need to be installed like traditional stretch wrappers. It also offers electromagnetic friction control, a motorized pre-stretch system, and quick and easy film loading.

Here’s a video: http://www.polypack.com/videos/sfera2009.wmv

See this machine at Pack Expo Las Vegas 2009, booth #C2409!

The OMEGA: The Fastest Stretch Wrapper In The World
The OMEGA is a high-speed stretch wrapper that uses a rotating ring to quickly wrap stationary pallets. It is the fastest stretch wrapper in the world, with an output capacity of 140 pallets per hour. It is the only machine with an external pre-stretch system without electric slip rings or other complicated and costly components. This patented pre-stretch system does not rotate with the ring. The OMEGA can use large sized film rolls (up to 40kg) for increased autonomy, and it monitors the film output with a patented control system. The OMEGA uses a patented rotation system that does not require expensive and frequent servicing. The OMEGA stretch wrapper uses a touch screen control panel interface, and it features an exclusive sealing cut and clamp system for the film that automatically adjusts for any size pallet. When efficiency and high output are a priority, the OMEGA is the perfect solution.
PRESS RELEASE

New Dairy shrink wrappers can multipack dairy cups WITHOUT GLUE!
Polypack, Inc. can multipack dairy cups either supported or unsupported, with or without product inversion WITHOUT TYING UP CAPITAL IN EXPENSIVE GLUE CONTRACTS!

POLYPACK, Inc. has a new shrink wrap machine that saves you money by completely eliminating the need for glue and accompanying contracts. Unlike other machines that require glue to secure the cups to the pad for stacking, Polypack uses a unique stacking method that does not require the use of glue. The Polypack Dairy machine takes you away from the messiness and expense of glue. Liberate your production line from sticky situations with a Polypack!

Key Benefits:

- Cost Savings: Eliminates glue contracts, freeing up capital for other areas of production
- Cleanliness: No messy glue preparation or cleanup
- Decreased Labor: No more time wasted on melting and cleaning up glue
- Versatility: Can be tailored for supported or unsupported applications, and inverting
- Stainless Steel Construction: Offers increased longevity and corrosion resistance
PolyPad shrink wrappers save money by decreasing corrugate consumption. Polypack, Inc. can take virtually ANY PRODUCT and tailor a shrink packaging machine to suit your needs, SAVING YOU MONEY ON COSTLY CORRUGATED CONSUMABLES.

POLYPACK Inc. has a new series of shrink wrap machines that save you money by eliminating the amount of corrugate involved in packaging. Instead of packing products into an erected corrugated case or tray using interior dividers, the new PolyPad series machines place product directly onto a pad and shrink wrap it, creating a stable bundle that uses up to 80% less corrugated material. As a result, the PolyPad system generates less packaging waste and saves money!

**Key Benefits:**

- **Cost Savings:** Drastically decreases the use of expensive corrugated materials, resulting in less capital investment
- **Green Logistics:** Generates less waste throughout the distribution channel
- **Versatility:** Machines can be tailored for total closure or bullseye wraps, using clear or print-registered film
- **Stainless Steel Construction:** Offers increased longevity and corrosion resistance
- **Product Flexibility:** Easy changeovers when running different size containers

*Think Savings! Think Green! Think Shrink!*