



DIBIPACK NEWS



<http://www.dibipack.com>
<http://www.shrinkfilm.com>

info@dibipack.com
info@shrinkfilm.com

DIBIPACK A GROWING SUCCESS

COMPETITIVE WRAPPING SYSTEMS AND QUALITY SHRINK FILMS BY A COMPANY THAT LOOKS TO THE FUTURE

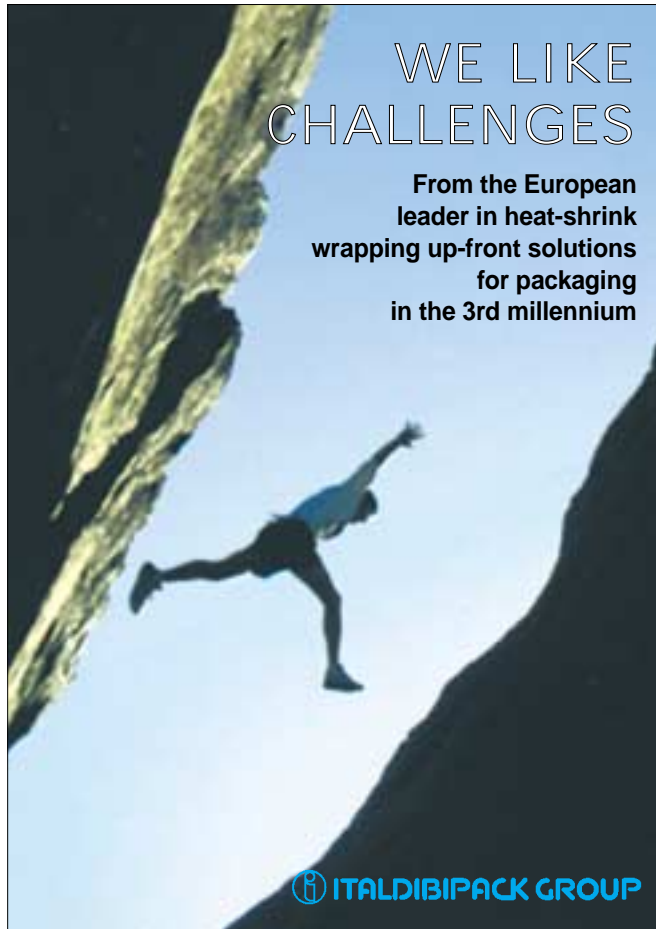
PRO PACK GROUP, the North American distributor of ITALDIBIPACK GROUP, Italy, has established itself in the U.S. market over the past seven years and has introduced many quality packaging machines throughout the country. ITALDIBIPACK GROUP has been in business for over 25 years. A quarter of a century in our hyper-accelerated era is no mean feat for any company nowadays. ITALDIBIPACK started the revolution in wrapping with the one-step system, literally inventing the simplified heat-shrink machine and launching this innovative system all over the world.

Through an aggressive campaign, PRO PACK introduced the American market to its line of shrink machinery. Beginning with ONE-STEP SYSTEMS the entire line of shrink machinery was gradually presented to the US market ending with such sophisticated models as the fully automatic MEC-PACK STA.

PRO PACK's intent was to provide the packaging market with new shrink wrapping methods and innovations that suggest new shrink applications.

Through a synergy of machinery, materials, and know how, PRO PACK promoted solutions that meet diverse market needs.

After about three decades in the packaging industry, ITALDIBIPACK has gained wide knowledge and experience, guaranteeing customers the right packaging solutions. Through advanced technologies, PRO PACK was developing machinery that addressed customers with high production needs. The development of this sophisticated ma-



chinery was concurrent with the introduction of the ONE-STEP SYSTEM. Simultaneously, PRO PACK was developing excellent post-sales service with a customer friendly approach and a high level of technical assistance.

The ITALDIBIPACK machines originally designed for the European market were modified for the American one.

More specifically PRO PACK moved the American market from a small line of packaging systems (with the



ONE OF ITALDIBIPACK'S FACTORIES IN MILAN

successful sale of 2,000 one-step machines) to a more sophisticated 'L' sealer line (MEC-PACK).

From there PRO PACK moved on to touch upon every segment of the packaging industry including sleeve and stretch wrappers. These systems are built for high performance, dependability, and ease of operation. PRO PACK's future will be increasingly oriented towards building innovative automatic machinery that focuses on the needs of the packaging industry.

PRO PACK is a qualified distribution network that is customer and service oriented, and offers a dedicated staff assuring full customer satisfaction. With offices and warehouses in Englewood, NJ, PRO PACK's factory sales and service center is ready to serve the North American market by maintaining inventories, stocking all parts and offering full support to our distribution/user base.



ITALDIBIPACK'S HEADQUARTERS IN ITALY

**A TO Z
PACKAGING
SOLUTIONS**

**SEMI AND FULLY AUTOMATIC PACKAGING SYSTEMS
SHRINK-WRAP • SLEEVE-WRAP • BAGGING MACHINES • STRETCH-WRAP**

**SHRINK FILMS:
POLYOLEFIN • P.V.C.
POLYETHYLENE**

**TO WRAP UP
THE WORLD**

EXCLUSIVE THE EASY HEAT-SHRINK SYSTEM

THE TRADITIONAL DIBIPACK RANGE OF SIMPLIFIED "ONE-STEP" WRAPPING MACHINES DIBI SYSTEM, EASY WRAPPING WITH NO PROBLEMS

IN THE FIELD of packaging machines with simplified technology, PRO PACK offers the most functional and competitive solution to shrink-wrapping: the ONE-STEP SYSTEM, a range of machines without tunnels which provides a sound answer to the market needs and allows a revolutionary increase in the number of applications for shrink wrapping within the packaging process.

ITALDIBIPACK GROUP places great importance on the fact that it manufactures the machinery it sells. This allows it to maintain control over quality and price providing the customer with excellent value and variety. Because ITALDIBIPACK manufactures its own machinery, they are well aware of all the available capabilities and possibilities. Because of its intimate knowledge of the machinery they sell, after-sales service is more efficient and attentive.

ITALDIBIPACK has restyled its first system, a renowned industry standard. The redesign, with its highly functional features, combines ease of use and manageability. Available in a wide range of models and options, the ONE-STEP SYSTEM offers great flexibility in size and output. Beginning with the standard sealing dimensions of the DIBI 4255 MAG and DIBI 4255 SA (for higher output) the ONE-STEP SYSTEM line moves

The ONE-STEP SYSTEM range can be integrated with options that improve ease of use and increase productivity:

- electro-magnetic hold down
- microprocessor controls
- film scrap take-up
- controlled ventilation system
- air device to facilitate the opening of center folded film.



through the spectrum of increased size and productivity to the bigger DIBI 6084. Any type of center folded film will easily work on the DIBIPACK ONE-STEP machinery. The entire shrink wrapping process is simply managed by a single operator. With the added option of the convenient rolling stand, these versatile heat shrinking wrappers can be set up really anywhere. Excellent performance can be expected for any kind of application and situation. The line offers the best presentation and the conservation.

NEW IMPROVED 4255 EV PLUS

The product exits by a bendable idle roller without using motorized conveyors.

- The roller conveyor can be bent to accommodate different product sizes and shapes.
- Outside idle roller conveyor available upon request.
- Conventional net for odd shaped products.
- Hold down solenoid.
- Optional scrap take-up and blowing device on request.



TWO-STEPS "L" BAR SHRINK WRAPPERS WITH TUNNEL

COMPACT MACHINES PERFECT FOR SATISFYING HIGH PRODUCTION REQUIREMENTS EXPERT LINE: A FULL RANGE OF COMBO SOLUTIONS

OUR EXPERT LINE of traditional sealer and tunnel combinations are versatile and easy to use. These classics work with all kinds of shrink film (PVC, PPL, PE, and the new generation of polyolefin film). The newly redesigned line is enhanced by superior components and finishing. This family of machinery offers several models. The solid modern structure of the EXPERT 4050 MAG is equipped with: a wide loading plate and roll holder unit allowing the greatest saving of space, an electrically controlled sealing blade, an adjustable teflon mesh take-away belt, high production speed paired with low power consumption, and electronic temperature control. This machine is suitable for packaging single or multiple products, products that are consistent in size and shape, or products that vary in size and shape.

On the high end, the EXPERT 5040 PN, a pneumatic feature was added to simplify and accelerate the packaging process. When adjusting the sealing height, the entire sealing frame moves accordingly so that the sealer, tunnel and both belts remain at the same height, allowing the product to move smoothly from sealer to tunnel. Other features include: a speed

adjustable tunnel conveyor, electric temperature control, wing shaped heaters which permit more efficient heat exchange. Options include a 180° dead roller conveyor with casters and a pneumatic sealing bar. The optional pneumatic sealing bar, which requires an air compressor,

used, a foot pedal will raise and lower the sealing bar still leaving the operator's hands free to feed.

For large packaging needs the EXPERT 7555 PM comes with the same features as the 5040 PN. It is

the ideal solution for

those needing a large economical machine with superior performance.



allows the machine to operate on an automatic cycle freeing the operator to concentrate on feeding the machine. If the pneumatic feature is not



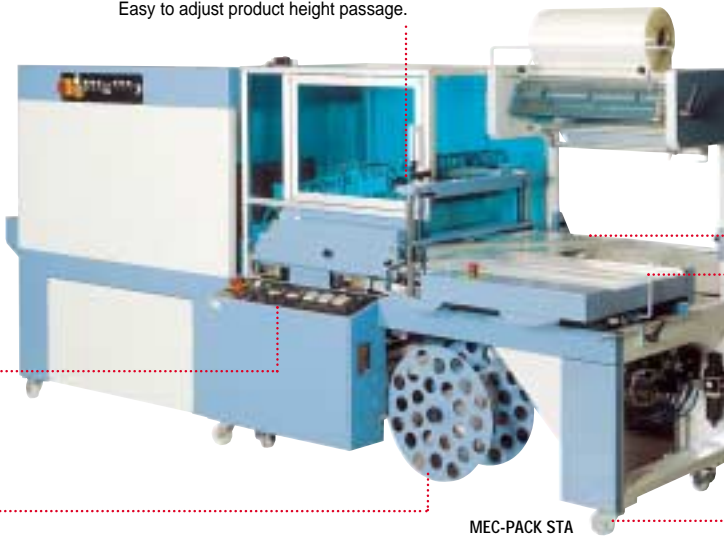
EVOLUTION OF PACKAGING TECHNOLOGIES

THE EXCLUSIVE FULLY AUTOMATIC CENTERSEAL SHRINK WRAPPING SYSTEM ITALDIBIPACK: A GREAT SUCCESS CALLED MEC PACK



Sealing structure height adjustable with bars for perfect sealings.

Easy to adjust product height passage.



Ergonomic control panel.

Motorized film scrap rewind system with electronic pulling control.



Easy to load plastic film roll. Automatic unroll of film spool.

Former especially made to avoid any friction in the unrolling process.

Infeed conveyor made with non-toxic material of easy adjustment in length.

Mounted on wheels to make the wrapping machine easier to move.

MEC-PACK STA

THE AUTOMATIC MEC-PACK sealers are the most functionally advanced answer to wrapping varied product shapes and sizes. Models are available to accommodate most varied product sizes.

This system offers a distinct advantage over other automatic systems due to their quality construction, high production capabilities, and competitive pricing. Their usage is very simple. The product is placed on the conveyor, which automatically moves it to the sealing area. Photo cells automatically identify the beginning and the end of the product. During the sealing process the conveyor stops in order to prevent additional product from moving into the sealing area.

An automatic tunnel can be attached to the sealing providing a fully automatic system. The operator's only function then is to feed the infeed conveyor.

System features include: adjustable output speed, casters, solid compact construction, and motorized scrap rewind.

The range of available models includes: the MEC-PACK SM and the MEC-PACK STA - base models; and the MEC-PACK XL for

FEATURES

- Dual belt conveyor for efficient product transfer
- "KISSING" belt feature for small packages included
- Automatic film advance for continuous wrapping
- "Tail" film advance capability
- Film perforators included
- Enhanced safety systems
- Dual photocells for either horizontal or vertical product sensing
- Easy product set-up and change-over
- Easy adjustment for product heights
- Teflon sprayed aluminum hot knife sealing
- "TEARSTRIP" adaptable
- Separate control for vertical and horizontal seats
- Manual sealing option
- Seal timer control
- Compressed air operation
- Motorized film scrap rewind with electronic tension control
- Ergonomic control panel
- Film towing by chains for secure continuous operation
- Easy center folded film load with automatic unroll
- Wheel mounted for easy transport
- Works with any centerfold film (PVC-PE-PPL-PO-OPP etc.)
- Inexpensive shrink tunnel available from same manufacturer

large product sizes processing. After choosing either the vertical or horizontal photo sensor, the operator can also delay the sealing process simply through the use of an electronic timer.

Due to the advanced features available in the MEC-PACK line, the machinery (manufactured by the ITALDIBIPACK GROUP, leader in heat shrink wrapping) operates internationally in all market sectors with a growing success.



Automatic heat-shrinking system MEC-PACK XL



A NEW RELEASE MEC PACK SM

The new compact, functional automatic MEC PACK SM finally brings superior performance and technology within everyone's reach. It comes from an important construction project. Occupying little more than 6 1/2 feet of floor space, such an innovative machine provides a competitive answer to that market sector in search of improved operation quality.



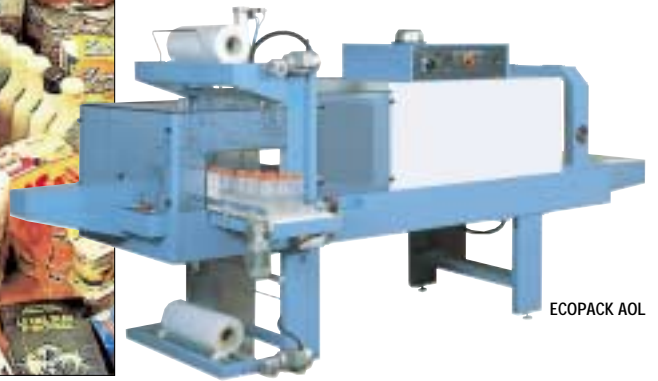
HEAVY DUTY FIT FOR INDUSTRIAL PRODUCTION

GREAT PERFORMANCE WITH ITALDIBIPACK SLEEVE PACKAGING MACHINES ECOPACK: HOW TO MAKE A "BUNDLE" OF YOUR PROBLEMS

The **ECOPACK** sleeve packaging systems are the PRO PACK'S answer to all your shrink bundling needs. Infeed and discharge belts customized to match the needs of the customer and product requirements, move the product through the system. Product movement in the automatic models is controlled by photocells. The semi-automatic models are loaded by an operator and the products are moved along by pneumatic pushers. The size of the sealing bar and tunnel opening is determined by the maximum product size. After being sealed the product is moved by conveyor into the thermostatically controlled shrink tunnel. The wrapping quality of the packages is ensured by the constant heat of the tunnel paired with the optimized speed of the belt. The standard tunnel belt is made of steel mesh, but teflon rollers are available if required. Exterior film holders simplify the action of replacing film when it is used up. The film is unwound automatically.



ECOPACK 700 SA/AA



ECOPACK AOL



Standard **ECO-PACK** models range in seal size from 19.5" to 48.75" with tunnel openings ranging from 9.5" to 17.5". **ECOPACK** sleeve wrapper seal bars and tunnel openings can be customized to meet individualized needs.



ECOPACK 900 AA IN LINE



ECOPACK AOL is an example of **ITALDIBIPACK's** ability to customize sleeve wrappers to meet clients' needs. We always strive to find the best solution at a fair price.

AN ALTERNATIVE FOR LOW TO MEDIUM CADENCE OUTPUTS

A SIMPLIFIED PROPOSAL WITHIN EVERYONE'S REACH ECOPACK, EASY AND INEXPENSIVE

For smaller sleeve packaging requirements, **DIBIPACK** also provides the **ECO-PACK 500M** and **650M** models. These two simplified semi-automatic systems offer a wide operative range, a very compact size, great operational ease, and economy in maintenance and usage. These solid, functional machines provide more than satisfactory results for smaller but significant production needs.



ECOPACK 500 SA



ECOPACK 500 M

ECOPACK 650 M

HORIZONTAL BAGGING SYSTEMS

THE RIGHT SYSTEM TO PACK AT HIGH SPEED A WIDE RANGE OF PRODUCTS SPEED BAG HS... AND THE PACKAGE SPEAKS CLEARLY

THE SPEED BAG HS model has been designed to either bag or bag and shrink: magazines, books, CD's, videocassettes, and more. It is perfect for customers in need of high speed production. The SPEED BAG HS wraps the product in film that is sealed transversally on the top and bottom, and longitudinally by forming the film around the product being wrapped. After being aged, if necessary, the product passes through a shrink tunnel. The tunnel is equipped with silicon coated idler rollers to prevent material from adhering to the rollers. The product is moved through the system by chain driven fingers. The speed of the fingers is adjustable, providing proper spacing of the product. A corrugated belt continues to move product through the system after it has been wrapped. The belt pressure can be easily adjusted by the operator. When wrapping magazines, we suggest fitting the machine with an automatic feeder designed for that purpose. This sophisticated machinery operates using a vacuum pump fitted with safety devices. The safety devices automatically stop the machine when more than one magazine is picked up by the vacuum pump. Please note that magazines cannot be shrunk when they are too thin.

Mailing labels can be applied automatically with the addition of a se-



Corrugated belt

cond feeder. The two feeders are identical, differing only in their timing. When packaging books, CD-DVD's, videocassettes or thick, rigid magazines, the parallel front feeder for books automatically loads the machine. The operation of the device is very simple. Conveyor "fingers" pick the product up from a pile and move it to the machine.

On the SPEED BAG HS you can install as many as two loading systems. Continuous longitudinal sealing is used to wrap magazines. If shrinking is required, the film will be spot sealed to allow the enclosed air in the newly formed bag to escape during the shrinking process. Two different methods are used for the spot sealing: an ionizing device that temporarily seals the polyethylene or polypropylene film layers during the shrink process and a glue dispensing device for PVC. Transverse sealing is carried out



Cutting system



Die cutter+feeder for addresses
Option: label glue spreading



Magazines automatic feeder



VERTICAL BAGGING SYSTEMS

SPEED BAG V A BASIC MACHINE FOR PRODUCT PACKAGING OR MAILING

SPEED BAG EV is the right system for packaging newspapers, catalogues and wholesale publications. It uses only one roll of flat polyethylene, printed or unprinted (maximum gauge 3 mil) on a motorized roller. The film is inserted in a width adjustable form, which folds the film around the product. One longitudinal and two transversal seals close the bag. The product is then automatically ejected.

- Photocell automatically adjusts for length
- Independent seal bars with adjustable temperature control
- Automatic booklet tracking
- Wide support platform for ejected product



SPEED BAG V

be a thermostatically controlled sealing bar. The sealing head moves forward with the product during the sealing cycle and then opens and moves back to begin the next cycle. The motion of the product is conti-

nuous. When the sealing is completed, the bar lifts and returns to the starting point to get a new bag. The simultaneous wrap and seal process of the SPEED BAG HS is key in achieving high production speed. In

simpler machines the wrap and seal processes are performed separately. Simple adjustments allow for format changes. No additional parts are needed. The system's speed is adjustable and centralized.

PALLET WRAPPING A WIDE RANGE OF SOLUTIONS

PROCESSING PALLETIZED LOADS, FROM SEMI-AUTOMATIC TO AUTOMATIC ECOSPIR, A COMPLETE ANSWER TO END-OF-LINE WRAPPING

TALDIBIPACK, leader in heat-shrink wrapping, is now consolidating its presence in the end-of-line packaging field with the ECOSPIR line, a new generation of pallet wrappers. There is a wrapper to suit every need, from automatic/manual machines (ECOSPIR ELC/S), to semi-automatic (ECOSPIR FA) or fully automatic (ECOSPIR A/ID). The basic model, the ECOSPIR ELC/S, offers the following features: film movement and end stroke stop controlled automatically by photo eye; separately programmable top and bottom turns; manual cycle mode; optional: newly patented TF film cutting device.

The ECOSPIR A/ID standard features include: photocell height detection; stop-in-phase device; adjustable upper/lower revolution; adjustable speed rotation; acceleration ramp; 4 different cycles with memory; manual cycle for raising/lowering; adjustable pre stretch with solenoid clutch.

Options include: loading ramp (necessary with transpallet); speed control inverter for raising/lowering the film holder; pneumatic pressure; extended column; platform for oversized load.

The ECOSPIR FA standard features include: film roll driven by rubber roller with pneumatic clutch/declutch device; automatic film attachment; fixed speed for vertical movement of the film carriage; top and bottom revolutions are programmable; turntable presents pallet in the loading position at the end of the cycle; photo cell height detection; high profile to facilitate fork lift loading. Options include: automatic film cutter and remote control operation to simplify the operator's work.



Pneumatic top press



Automatic film attachment



Power stretch



Automatic film cutting (option)

Digital ergonomic control panel of ECOSPIR A/ID



ECOSPIR ELC/S

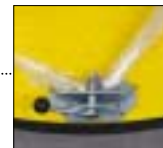
With the ECOSPIR LINE now we propose a very modern and innovative system, both "modular" and functional, in order to satisfy all the logistic needs of operators and companies.



ECOSPIR FA

ECOSPIR A/ID

The ECOSPIR LINE offers the widest variety of accessories including: rotating top clamps, motorized roller conveyors, automatic film attachment and cutting devices; and remote controls.



Facilitated film hooking and cutting patented device

Platform speed control



TF™ film cutting device

