

# smipack

## NEW XP SERIES

THE NAME OF THE FUTURE IS XP:  
INTRODUCING THE NEW FILM  
SHRINKWRAPPERS

## HS SERVO SERIES

HIGH-SPEED CONTINUOUS  
BOX-MOTION PACKERS

2015 YEARS

*Anniversary*

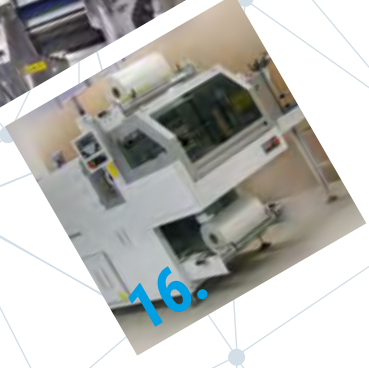
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Magazine 2017

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# 20 YEARS



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# EDITORIAL 2017

20 years of business... and more  
than 55,000 customers worldwide!

20 YEARS



**T**he 20th anniversary of SMIPACK marks an important moment for our company, bringing with it both the joy of a successfully achieved milestone and awareness of the need to renew our commitment each and every day. We wish to thank our customers who have continued to place their trust in our company and our products, together with the cooperative efforts of our partners. Over the last 20 years, our company has been recognized worldwide for the quality of the machines we produce and our ongoing commitment to the research and development of innovative packaging technologies that look to the future.

We are particularly proud of the success we have enjoyed since 1997, and here, in this first issue of SMIPACK NOW, I would like to share it with everyone who has grown with us over the years. We would also like to extend our special thanks to the more than 55,000 customers around the world who use SMIPACK packers, and who, thanks to the ever-changing packaging needs they present us with, allow us to continuously improve the flexibility, efficiency and quality of our product portfolio.

*Giuseppe Nava  
Managing Director  
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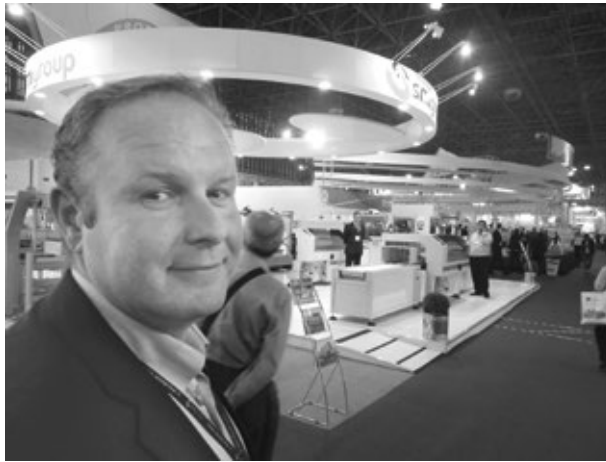
Product pictures in this issue are shown for reference only.



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# 1997 > 2017

## 20 YEARS OF CHALLENGES, INNOVATION, COMMITMENT AND PROFESSIONALISM



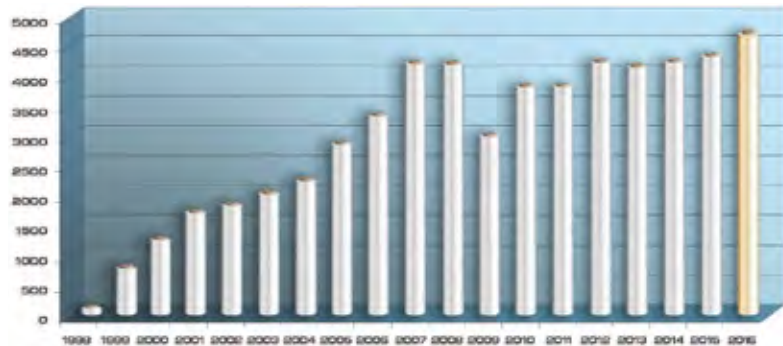
**T**wenty years in business is a great achievement, and SMIPACK would like to share it with everyone who has been a part of it. It is our wish to celebrate our history, using it once again as a valuable opportunity to highlight the importance of the link between past and present and the effort made by the founders. Twenty years might not seem like a lot to talk about, but it is when it's about the history of SMIPACK. In fact, each and every year has been marked by a succession of projects and initiatives that have harmoniously blended passion, dedication, research, customer support, and above all, continuous innovation. That innovation has been the fundamental element that has allowed the company to design, build and sell more than 55,000 packaging machines capable of meeting the most varied packaging needs in every part of the world. Founded in 1997 with the commitment and support of SMI, a leading international manufacturer of bottling and packaging systems, SMIPACK immediately proved itself to be a key industry player and quickly became a successful company in terms of revenue growth, number of machines installed, workforce, partners and, above all, loyal customers.

# PERPETUAL COMMITMENT TO TURN AN IDEA INTO A SOLID BUSINESS REALITY

**S** MIPACK now looks back proudly to 1997 when it started its business, at the time, the production was limited to the S series L-sealing hood packers, which sold 70 units in the first year, and more than 700 just two years later. This is an astounding feat, unequivocally attesting to the company's willingness to quickly expand its product range and, in fact, a short time later, the new SL and SE series L-sealing hood packers, and the new FP series of L-sealers with a shrink tunnel, were introduced.



**SMIPACK PACKERS INSTALLED BY YEAR**



# A brief look at our History...

THE FIRST THREE S SERIES L-SEALING HOOD PACKERS ARE BUILT IN A WAREHOUSE LOCATED IN THE PREGALLENTO DISTRICT OF SAN PELLEGRINO TERME

1997



1999

THE RANGE EXPANDS TO INCLUDE SL-SE SERIES L-SEALING HOOD PACKERS



2001

SMIPACK MOVES ITS BUSINESS INTO A LARGER AND MORE MODERN BUILDING IN SAN PELLEGRINO TERME. AT THE SAME TIME, THE NEW BP SERIES OF FILM SHRINKWRAPPERS WITHOUT A SEALING BAR IS INTRODUCED



2001



2000

THE FIRST FP MANUAL AND SEMI-AUTOMATIC L-SEALERS WITH A SHRINK TUNNEL ARE BUILT



THE FP RANGE IS EXPANDED TO INCLUDE FP6000 AUTOMATIC L-SEALERS

2003



2006

INCREASED SALES MAKE IT NECESSARY TO TRANSFER SOME PRODUCTION DEPARTMENTS TO ANOTHER WAREHOUSE



2015



2011

SMIPACK INTRODUCES THE NEW FP500HS/HSE CONTINUOUS AND INTERMITTENT SEALING BAR PACKERS



2015

SMIPACK MOVES TO A NEW, TECHNOLOGICALLY-ADVANCED HEADQUARTERS IN SAN GIOVANNI BIANCO. AT THE SAME TIME, THE BP SERIES OF FILM SHRINKWRAPPERS WITHOUT A SEALING BAR ARE INTRODUCED



THE BP SERIES OF FILM SHRINKWRAPPERS WITHOUT A SEALING BAR GIVES WAY TO THE NEW XP RANGE

2017



2016

SMIPACK INTRODUCES THE NEW HS 500 SERVO CONTINUOUS BOX-MOTION PACKERS

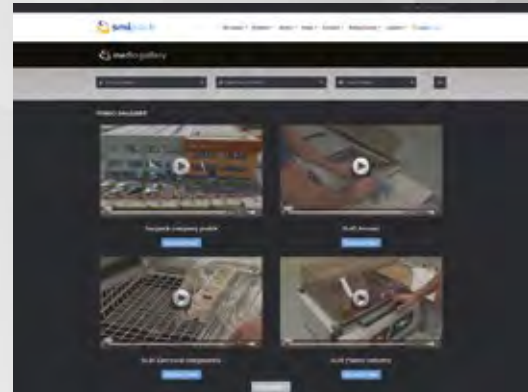


**I**n just three years, from 1997 to 2000, SMIPACK installed 1,300 packaging units. Since then, SMIPACK has expanded to include many other packaging solutions, which, thanks to their continued market success, have enabled the company to grow continuously in terms of turnover, product portfolio, international presence, and surface areas occupied. SMIPACK currently markets more than 4,600 machines per year, which are designed and built entirely in Italy by a workforce of about 100 employees in its new, modern 14,000 m<sup>2</sup> operational facility in San Giovanni Bianco (Bergamo). The current range of packaging machines produced by the company, is employed in many market sectors, both food and non-food, and is destined to grow further in the future through continuous investment in research and development, the use of cutting-edge technology and extremely reliable components, operational flexibility and after-sales service, all of which are crucial factors to be able to continue to offer great products with an excellent quality/price ratio.



# THE NEW SMIPACK ONLINE LOOK

**T**he continuous innovation that has distinguished SMIPACK since the beginning is not limited to the expansion of the range of products and, in February 2017, the new company website will be online, completely updated to handle "mobile" communication needs and facilitate the content access to its users. The new web platform is "responsive" and includes an automatic template sizing system that allows users to view pages on the site in the form best suited to their device (PC, tablet, smartphone). The new media gallery section, makes it possible to look for videos, photos, catalogues and case histories by entering search parameters according to machine model, packaging type and product sector.



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# XP SERIES



**XP650 ALX**  
VIDEO  
scan this QR code



## THE FUTURE IS XP: INTRODUCING THE NEW FILM SHRINKWRAPPERS WITHOUT SEALING BAR

To create packaging solutions that are in line with the continuous changes in the market, SMIPACK annually invests a significant portion of its resources into research and innovation. Some of the many projects developed led, for example, to the introduction of four new BP shrinkwrapper models in June 2015 in the ARX/ALX series of film shrinkwrappers without a sealing bar. Now, two years later, the remarkable success of this range of film shrinkwrappers without a sealing bar has convinced SMIPACK to create a new custom series, that is separate from the BP series. This new XP series includes new film shrinkwrappers without a sealing bar that will make their world premiere at the Interpack 2017 trade fair in Düsseldorf. The new XP models are especially suited to production needs of up to 25 packs per minute (depending on the type, size and stability of the product to be packaged) and feature a modular and innovative design, which ensures great operational flexibility and a lot of opportunity for customization of



the packaging process. As opposed to the traditional sealing bar version, which seals edges on the side, the XP range of film shrinkwrappers without a sealing bar, seals the film edges by overlapping them on the bottom of the package, thereby greatly improving the aesthetic appearance of the packs created. Another advantage over the sealing bar versions is the ability to create packs using print registered film.



➔ **MAIN ADVANTAGES OF THE NEW XP SERIES**

▪ **New design**

The XP series has an innovative design featuring a completely new modular frame, which makes the series especially adaptable for use in any type of system logistics, even on production lines with limited space.

▪ **Greater machine accessibility**

The new design of the XP series provides the client with greater accessibility to perform format changeover and maintenance operations.

▪ **Greater operational flexibility**

The XP shrinkwrapper range includes models with in-line infeed (ALX version) and with a 90° infeed (ARX version), the new ASX version, which is specially designed to shrinkwrap pre-formed trays, boxes, etc. in printed film is also now available, and ALX and ARX models are available in a pad + film version and the brand new tray + film version.

▪ **User-friendly management and control**

Management of the shrinkwrapper is performed by the innovative FLXMOD® control system, equipped with an operator interface that includes a panel PC, 7" colour touch-screen monitor, and USB port for data transfer; the touch-screen allows the operator to easily control all machine parameters, display production statistics, manage and change formats, etc.

As opposed to the traditional sealing bar version, which seals edges on the side, the XP range of film shrinkwrappers without a sealing bar, seals the film edges by overlapping them on the bottom of the package, thereby greatly improving the aesthetic appearance of the packs created. Another advantage over the sealing bar versions is the ability to create packs using print registered film.

## XP ASX SERIES

### Excellent versatility

This new series of SMIPACK shrinkwrappers is the ideal solution for processing pre-formed trays containing products, or already packed cardboard boxes that only need to be shrink-wrapped. The shrinkwrapper can also process printed film and is an extremely compact solution that easily fits into even small production lines, as it does not require a pack collation or composition section.



**XP650P ARX**  
VIDEO

scan this QR code



## XP ARX SERIES

### The most compact model of the series

The most compact model of the new series is equipped with a 90° infeed that does not require an accumulation belt. The small size of the machine makes it particularly suitable for use on any production line, and offers the customer an excellent quality/price ratio.



## XP ALX SERIES

### Flexibility first

The XP ALX series models with in-line infeed offer great packaging flexibility because, depending on the model chosen, they can wrap different types of products in film-only, pad + film, or tray + film bundles.



# HS SERVO

THE NEW HS SERVO SERIES SATISFIES  
HIGH-SPEED PRODUCTION NEEDS

**A**lways a leader in the introduction of innovative solutions in the field of secondary packaging, SMIPACK has developed the new HS 500 SERVO series of packers to meet high-speed production needs. The new SERVO series, which made its world premiere at the Emballage trade fair in Paris in 2016, will again be on display at Interpack 2017 in Düsseldorf. The Smigroup stand will offer an up-close look at all the advantages of the new packer.

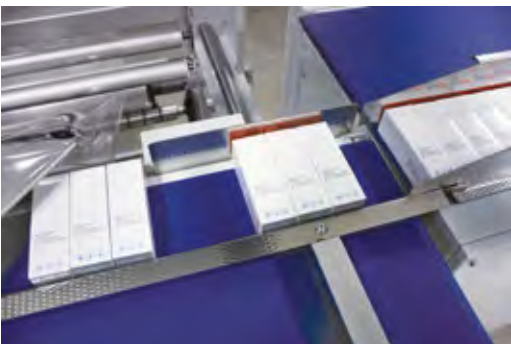
- **compact design:** the machine may be easily installed even on small packaging lines, permitting quick and easy management, cleaning and maintenance operations;





## ➤ HS 500 SERVO: KEY FEATURES

- Production speed: up to 7,200 packs/hour or up to 9,000 packs/hour using custom solutions (\*)
  - Sealing bar: 520 mm
  - Height of the product to be packed: up to 200 mm
- (\*) according to container and pack configuration





- **greater production speed:** compared to the previous series with an intermittent production cycle, the new packer is able to meet packaging needs up to 7,200 packs/hour (and up to 9,000 packs/hour using special devices);

- **great operational flexibility:** it is possible to process products of different lengths and with different pitches, by adapting the size of the film cover;

- **significant savings on packaging material:** the HS SERVO series reduces film waste, by shortening the distance between the sealer and the product;

- **easy management:** the innovative FLXMOD® control system is equipped with an operator interface that includes a panel PC and colour touch-screen monitor that allow the machine to be easily managed even by less experienced operators.



# HS SERVO

## SPECIAL FEATURES OF THE NEW RANGE

**T**he new HS SERVO packer has a continuous production cycle on 3 conveyors using a box-motion system (with a transverse bar), featuring an electronic automatic-sizing cam and sealing point driven by brushless motor. The HS 500 SERVO packer is the ideal solution for high-speed packaging, unstable products, stacked and heavy packs, the machine is equipped with a 520 mm transverse bar suitable for wrapping products with a height of up to 200 mm. The new range of HS SERVO packers

was designed by SMIPACK to eliminate the starting/stopping of the conveyors during the sealing phase (as occurs with the intermittent cycle version), thereby simplifying the handling and packaging of unstable products or stacked packs. To do this, the machine has been equipped with 3 conveyors, one more than the intermittent series. The HS SERVO series also has 5 brushless servomotors (three for the conveyors, one for the sealing bar, and one for the box-motion system).



**HS 500 SERVO**  
VIDEO

scan this QR code

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# BP SERIES

## THE BP SHRINKWRAPPER RANGE GETS A NEW LOOK

**S**ince being introduced to the market in 2001, the BP series of mono-block shrinkwrappers has been a success among users, becoming one of the best-selling SMIPACK models. The range of the BP series includes semi-automatic and automatic versions, of monoblock shrinkwrappers with sealing bars. Since its market debut, this series of shrinkwrappers has been recognized for its great versatility. It can process bottles, cans, jars and many other loose containers, which, depending on the model chosen, can be wrapped in shrink film or pad + film in multiple







### ➤ KEY CHANGES TO THE BP SERIES

- **New design of the AR/ARV/ALV range:** the range is equipped with a completely new machine frame that provides greater accessibility for format changeover operations
- **Improved accessibility:** the recent changes made to the range were based on new design concepts that provide greater operator accessibility, consequently improving all management and maintenance operations
- **New electrical panel:** a much more compact solution than the previous version that significantly reduces the total space occupied
- **Operator interface:** rotary control panel with a 4.3" display; on AR/ARV models the panel is also equipped with a standard USB port for data transfer. The Flextron® control system is equipped with an alphanumeric LCD control panel, making it possible to store up to 20 processing programs and ensuring simple and accurate control of all parameters and production phases
- **Upper reel-holder support:** the height of the upper reel-holder support has been reduced in the ALV models to simplify loading by the operator



pack configurations. All shrinkwrappers in the BP series are widely used in industries such as those of, beverages, food, chemicals, wine, liquor, cosmetics, detergents, textiles, graphics, and many more. Given its innate versatility and its long-standing presence on the market, the BP series is the ideal link between the past and the future. With nearly 3,000 units sold over the years, the BP range has in fact, proven its capacity to combine solid basic techniques, with the ability to evolve, providing customers with increasingly innovative packaging solutions. This is why the BP series shrinkwrappers have recently undergone a careful restyling, to further increase their ergonomics, accessibility and ease of use. These are the three key concepts that express the will of SMIPACK to propose innovative packaging solutions to the market that are in step with, and often ahead of, the latest market trends in order to fully meet the needs of a growing number of customers, in terms of production efficiency and energy savings.



## INCREASINGLY IN TOUCH WITH OUR

# 55000

## CLIENTS

**S** MIPACK machines are currently present in almost every country in the world, in fact, 90% of our products are exported to both industrialized markets and developing economies. This international success (more than 55,000 packaging machines installed) is the result of a constant focus on customer satisfaction for a clientele that varies greatly by location, language, culture, traditions, market sector, etc. SMIPACK has opted to serve them by means of an

extensive distribution network comprising local partners and direct branches of the SMI Group. In particular, the company has chosen to oversee its operations in the main markets through subsidiaries specifically established by the SMI Group. Native language speakers provide high quality services relating to sales, after-sales technical assistance and supply of spare parts for the machines we produce, in addition to streamlining delivery times and reducing transport costs.



# SMIPACK 4.0

**I**nnovation and technology have always been a distinctive feature of the packaging machines produced by SMIPACK, contributing significantly to their huge success in the market, thanks to key aspects such as process automation, ease of use, operational



## INDUSTRIAL REVOLUTION TIMELINE



**1784**

**1<sup>st</sup> revolution**  
invention of the  
steam engine



**1870**

**2<sup>nd</sup> revolution**  
mass  
production



**1970**

**3<sup>rd</sup> revolution**  
start of the  
computer age



**TODAY**

**4<sup>th</sup> revolution**  
IoT and  
Industry 4.0

flexibility, and reduced maintenance. The current range of FP, HS, BP, XP and HA series packers uses latest-generation automation and control solutions that allow them to "natively" comply with the technical specifications of Industry 4.0 technology. Moreover, SMIPACK machines are already prepared to exploit all the advantages of IoT (Internet of Things) solutions for exchanging data and information with the supervision

and control systems in a "smart factory", where an extended computer system makes it possible to effectively manage individual machines even by remote, monitoring their operation, improving performance and adapting the processing parameters according to the needs of the production facility where they are installed.



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