

# ONE PACKAGING SYSTEM FOR EVERY NEED



ESTABLISHED IN 1997, **SMIPACK** IS THE COMPANY OF THE **SMI GROUP** SPECIALIZED IN THE MANUFACTURING AND MARKETING OF A WIDE RANGE OF PACKAGING SOLUTIONS FOR MULTIPLE MARKET SECTORS.

THE CONTINUOUS INVESTMENTS IN RESEARCH & DEVELOPMENT, THE STATE-OF-THE-ART TECHNOLOGY, THE USE OF TOP-RELIABILITY COMPONENTS, THE FLEXIBILITY AND THE TECHNICAL SUPPORT ARE ALL KEY FACTORS OF A WINNING PRODUCT WITH AN EXCELLENT QUALITY/PRICE RATIO.

**HIGH-TECH  
PACKAGING**  
open to everyone



## Smipack Spa

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### Technology driven by innovation and sustainability: SMIPACK solutions for the new trends of 2025

The packaging sector is facing numerous new challenges related to trends that focus on technological innovation and sustainability, emphasizing a more conscientious use of energy and the adoption of biodegradable materials. These advancements, not only improve efficiency within the supply chain, but also promote a more responsible future for the environment.

With over 30 years of experience, SMIPACK has established itself as a benchmark in developing efficient and sustainable packaging solutions. Thanks to its commitment to research and development, SMIPACK has created machinery capable of meeting market expectations and anticipating future trends, as the news FW series of automatic flow pack machines.

#### The advantages of the flow pack packaging system

The flow pack packaging system is renowned for its versatility, providing a hermetically sealed packaging type, ideal for the food sector. Its flexibility enables it to adapt to countless product types, making it the perfect solution for many industries. This system significantly reduces waste production and is particularly well-suited to meet the increasing demands for environmental sustainability.

#### SMIPACK and the FW series

The FW series of automatic flow pack machines from SMIPACK, is designed to meet the myriad production needs, particularly but not exclusively, in the food sector. It is an innovative and versatile solution, integrated with the most advanced technologies such as Industry 4.0 and IoT (Internet of Things).



With its high-speed models, it can package up to 200 products per minute.

The FW-E range is dedicated to the entry-level sector and offers a complete package for the market, enriched by a wide array of accessories that ensure high-performance packaging solutions in a compact layout.

The main innovative features that distinguish the machines in the FW series include a monostructural design, a door that opens upward to facilitate adjustment and maintenance operations and, in the stainless-steel versions, a guarantee of durability and quality in product packaging.

#### Innovation and sustainability in the FW series

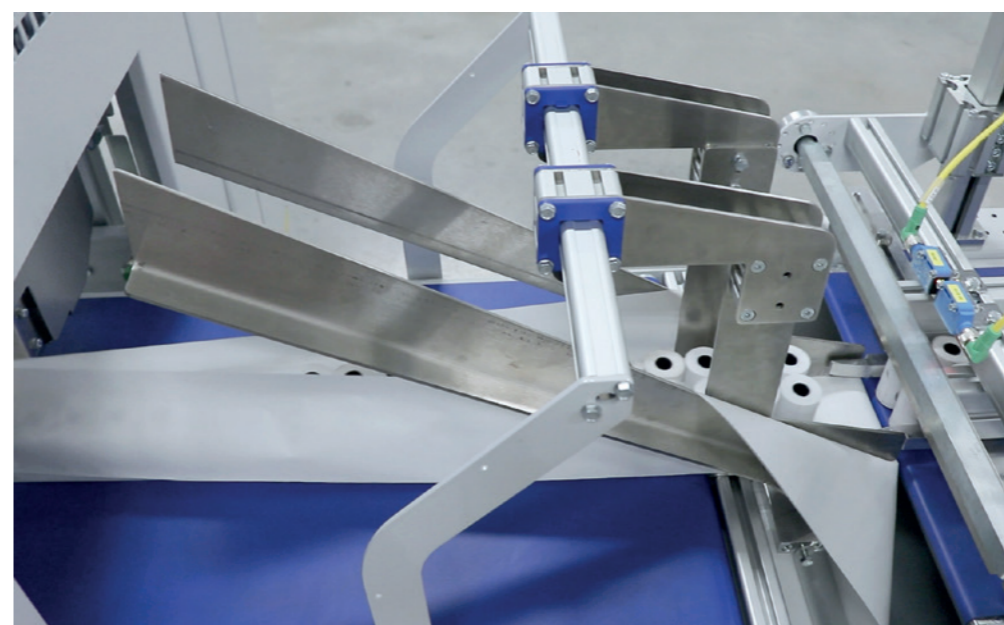
The technological components of flow pack machines significantly enhance operational performance. The infeed conveyor, available with removable pallets or a belt, and equipped with adjustable guides, allows for easy adaptation to various product formats. The longitudinal sealing system, equipped with manually or pneumatically operated wheels, offers flexibility by simplifying the change of reels positioned either high or low, depending on the model. The cross-sealing system, which can be rotary, intermittent, or box motion, ensures quick and effective sealing. The robustness of the AISI 304 sliding

platform and the optimized film management through the dynamic former, complete with a numerical display, contribute to reducing waste and ensuring precision. Furthermore, the FLXMOD® control system, equipped with an intuitive 7" colour touch screen HMI, allows for the storage of up to 50 different working cycles. All of this complies with CE regulations. The FW series combines operational efficiency with resource savings, enhancing the quality of the final product and promoting responsible industrial practices. The design of the machines has been developed to optimize energy efficiency and encourage the use of various types of wrapping materials.

For these reasons, the FW series represents a responsible and sustainable choice for the food industry.

#### Technological innovation

Digitalization and automation are transforming the packaging landscape. Companies are increasingly implementing artificial intelligence (AI) and the Internet of Things (IoT) to optimize production processes. These tools enhance production control and ensure greater accuracy, progressively reducing the margin of error. The introduction of tracking and traceability systems guarantees strict adherence to quality and safety standards, ensuring minimal resource waste.



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The integration of advanced software designed for inventory management and production analysis enhances operational efficiency by offering tailored solutions to clients. This development contributes to the creation of a more agile supply chain that adapts to the evolving needs of various markets. In this context, SMIPACK provides innovative packaging solutions that complement these technological advancements, ensuring that businesses can not only streamline their operations but also enhance their overall productivity.

#### About SMIPACK

SMIPACK S.p.A., an Italian company founded in 1997, stands at the forefront of the packaging industry by seamlessly blending tradition with cutting-edge innovation. As a key member of the SMI Group, SMIPACK specializes in an extensive range of packaging solutions, including L-Seal hood packers, semi-automatic and automatic L-Sealers, intermittent and box motion continuous automatic side sealers, shrink tunnels & conveyors, automatic flow pack machines, semi-automatic and automatic shrink wrappers with sealing bar, automatic overlap shrink wrappers, automatic wrap-around case packers and automatic handle applicators. Renowned for its unwavering commitment to Research & Development, the company leverages state-of-the-art technology and high-reliability components to deliver products that excel in quality and affordability. With an annual output of 4,300 units, SMIPACK has established itself as a global leader in packaging machinery, driven by a corporate ethos that prioritizes flexibility and exceptional technical support.

