

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



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High-speed flow pack innovation: Enhancing packaging efficiency and sustainability in Asian markets

With the expansion of e-commerce and the modernization of retail across Asia, the demand for fast, flexible and sustainable packaging solutions continues to rise. **SMIPACK's FW series of automatic flow pack machines** addresses these challenges with Italian-made technology, high-speed performance and environmental responsibility.

In a rapidly evolving global market, efficiency and adaptability are crucial for packaging machinery manufacturers. **SMIPACK S.p.A.**, an Italian leader in the packaging sector and part of the **SMI Group**, combines strong engineering heritage with continuous innovation. **Founded in 1997**, the company provides integrated solutions from primary to secondary packaging, serving diverse industries worldwide.

Supported by an extensive international network and a direct presence in Asia through **branches in China, Malaysia and India**, **SMIPACK** is a strategic partner capable of meeting the needs of a highly dynamic and heterogeneous market.

From snacks and bakery products to ready meals, local manufacturers require machines capable of handling a variety of formats (single-serve or multi-pack) and materials — including mono-material, laminated, paper-based and metallized films — with options suitable for e-commerce-ready packaging. The **FW series** delivers high

throughput, quick changeovers and full Industry 4.0 connectivity, making it ideal for fast-paced production environments.

E-commerce growth and retail modernization in Asia

Consumer habits in Asia are undergoing major transformation: e-commerce is expanding rapidly, modern retail chains are growing, and export-driven production demands more efficient and flexible lines. **Flow pack technology has become a strategic solution**, combining speed, optimized use of packaging materials and excellent product presentation.

Developed according to **Industry 4.0 and IoT** principles, the **FW series** packs individual or grouped products — even irregular shapes — in mono or laminated films, reaching up to 200 products/minute depending on the model. These features make it particularly suitable for Asian production lines characterized by high volumes and a wide variety of formats.

Operational & quality benefits

FW series machines ensure a stable production flow with batch traceability, format memory and detailed process statistics. The **FLXMOD® control system** with touch-screen interface enables real-time monitoring of production rates, machine efficiency and pack counts. The robust, **fully Italian-made construction** — featuring AISI 304 stainless steel product-contact surfaces — ensures hygiene and durability. Longitudinal sealers, film folding devices and dynamic conforming systems guarantee consistent results even with irregular or



multi-pack products. Motorized reel holders and ergonomic access to key components reduce downtime and streamline format changeovers.

For manufacturers and exporters focused on traceability, consistent quality and sustainable production, these advantages translate into lower cost per pack and a faster return on investment.

Sustainability and technical versatility

The **FW series** meets modern sustainability and innovation requirements through reduced energy consumption, optimized material usage and intelligent process control.

The dynamic film conformer and "no product — no bag" sensors can cut film waste by up to 10%, while compatibility with both mono-material and laminated films enables reduced thickness and packaging weight without compromising performance.

Stainless-steel versions — ideal for food and non-food applications — together with multiple optional features such as MAP (Modified Atmosphere Packaging)

predisposition, printer integration, reel changeover device with automatic splicing and gusseted-bags system, provide maximum operational flexibility.

Combining efficiency, versatility and environmental attention, the **FW series** offers Asian manufacturers an advanced solution that delivers high performance and strengthens global competitiveness.

Comprehensive Made in Italy packaging solutions

Beyond the **FW series**, **SMIPACK** offers a complete range of packaging machinery **designed & made in Italy** to cover all stages of the secondary packaging process. From compact L-seal hood packers, automatic L-sealers and continuous packers to shrink wrappers, wrap-around case packers and automatic handle applicators, each solution is engineered for efficiency, reliability and sustainability. Integrated with Industry 4.0 connectivity and supported by modular options, these machines provide versatile solutions for diverse products and packaging

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formats, ensuring optimal protection, presentation and operational performance. With a commitment to continuous innovation, local technical support and a wide range of customized packaging solutions for Asian markets, **SMIPACK** enables manufacturers to enhance productivity, reduce waste and compete effectively in an increasingly demanding environment.

