

SMI: 30 YEARS OF CUTTING-EDGE TECHNOLOGY, CONSTANT INNOVATION AND TOP FLEXIBILITY!

SMI S.p.A. is the leading business within the SMI Group. Founded in 1987, the company has established a global reputation and is a worldwide renowned provider of PET-bottling systems and packaging machines for the industry of food & beverage, household cleaning, personal hygiene, chemical and pharmaceutical products, committed to providing the most innovative and sustainable solutions either as single machines and complete lines.



any time, remarkable energy savings, no needs for mechanical interventions (cams replacement) in case of bottle format change.

Today, SMI offers one of the most comprehensive portfolio of primary, secondary and tertiary packaging machines. The equipment range includes innovative stretch-blow moulders, integrated system of blowing-filling-capping, shrink-film packaging machines, wrap-around casepackers and palletisers.

In 30 years of business, with over 5,600 packaging machines installed worldwide, SMI has always distinguished itself on the market for the high level of technological innovation and operating flexibility of its range of machines and systems. SMI most innovative developments recently came into effect in the new ERGON series of primary, secondary and tertiary packaging equipment.

Fully electronic stretch-blow moulders: the new EBS ERGON series

One of the latest innovations rolled out by SMI's technical team, available on the market in mid 2017, is named EBS (Electronic Blowing System) ERGON and represents a flexible approach to the customer's needs for the production of PET containers up to 36,800 bph.

This machine range is the result of a challenging two-year research & development project which introduced innovative concepts in the design and manufacture of SMI products standing out for low power consumption, high performances and a quality/price ratio among the best in the market.

The stretch-blow moulders of the EBS ERGON series are equipped with motorized stretching rods controlled by electronic drives with no need for mechanical cams.

This new technology enables a precise descent of the stretching rod, an accurate control of its position at

The advanced technology employed also features low dead volume valves delivering great advantage in terms of machine efficiency and bottle quality.

Secondary packaging machines featuring energy saving, process efficiency and operative flexibility


SMI innovations in the secondary packaging machines sector keep up with new market trends with the aim of ensuring competitiveness, efficiency and flexibility along with energy savings and environmental sustainability.

That's why SMI most innovative technology came into effect in the new ERGON series of shrink-film and wrap-around case packaging machines. Ergonomics and automation are the key elements featuring the new line of equipment marketed by SMI that includes a large variety of models in single, double and triple lane configuration capable of satisfying production requirements up to 450 packs/minute (small packs in triple lane configuration).

Smart products – Industry 4.0

SMI's product portfolio includes a wide range of fully automatic packaging machines featuring advanced control & automation solutions as well as operation supervision and monitoring tools.

The ergonomics of SMI's packaging solutions is further enhanced by the cutting-edge technology of the MotorNet System® automation and control platform, which ensures optimal working parameters all along the manufacturing cycle and automates machine settings adjustment when carrying out format changeovers.

Both design and manufacture of SMI range of products are inspired by industry 4.0 innovative concepts, which allow the full integration of SMI machines into brand-new or existing bottling and packaging lines and the most effective mix of advanced engineering, sustainable production processes and high-efficiency monitoring and supervising operations. 

www.smigroup.it

NEW EBS ERGON BLOWERS



EBS ERGON

VIDEO

...scan & discover it!



the new age
of bottling

GREAT TECHNOLOGY ...IN A SMALL BODY

Compact and ergonomic design, cutting-edge technical solutions, top performances, high energy saving: that's the new EBS ERGON series of fully electronic rotary stretch-blow moulders for manufacturing PET containers from 0.10 to 10 L up to 36,800 bottles/hour (0.5 L format).

Soon available as stand-alone equipment or integrated into an ECOBLOC® ERGON compact system of bottle blowing, filling and capping.



| COMPLETE LINES | ROTARY STRETCH-BLOW MOULDERS & FILLERS |
| PACKERS | PALLETISERS | www.smigroup.it

