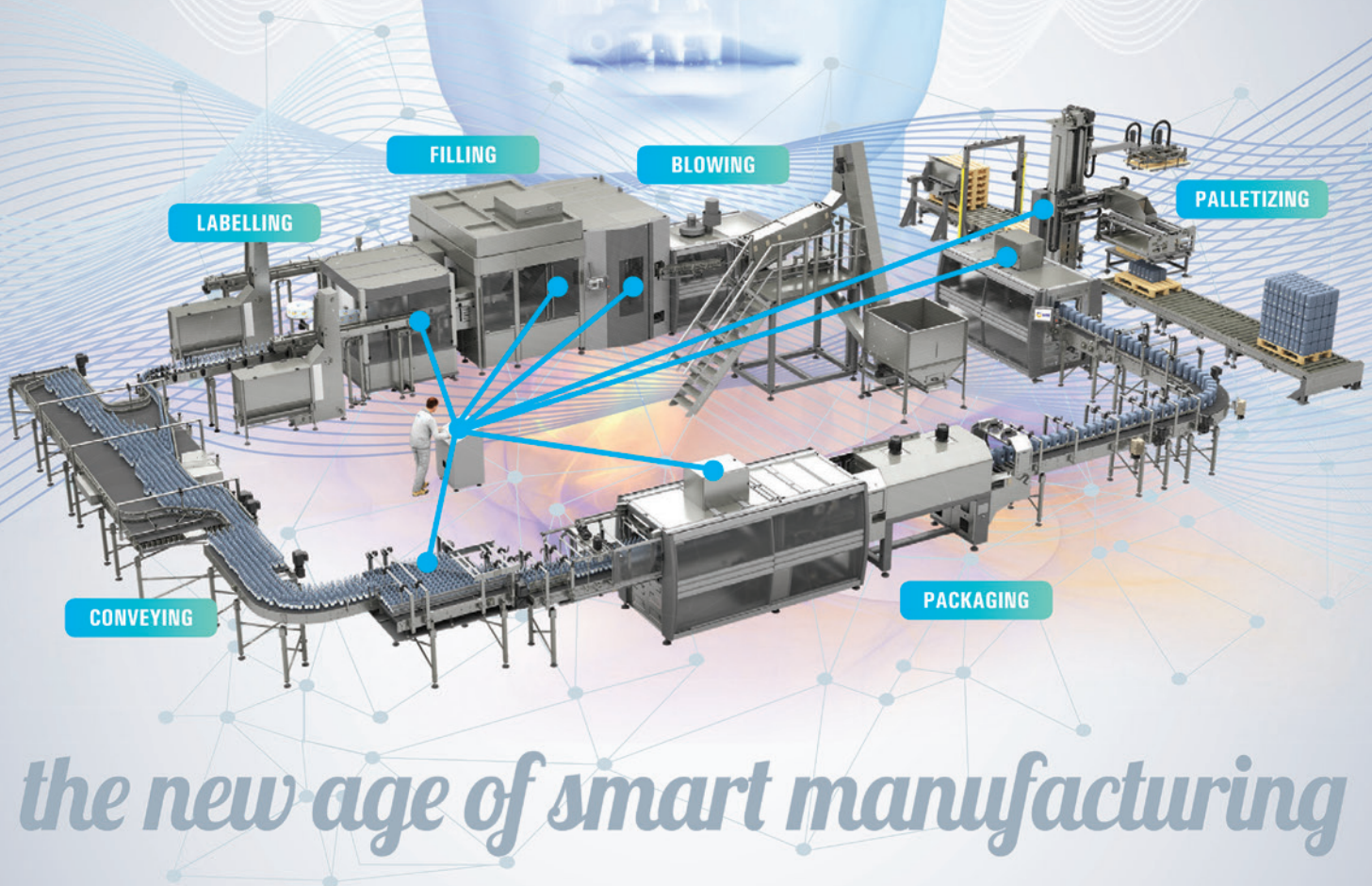


INTERCONNECTED INTELLIGENCE BETWEEN YOU AND YOUR FACTORY



SMI SMART
LINES VIDEO
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the new age of smart manufacturing

SMI is specialized in designing, producing and installing complete lines for food & beverage bottling & packaging.

SMI turn-key systems feature Industry 4.0 and IoT technologies and an output rate from 1,000 to 33,600 bottles/hour.

THE FACTORY OF THE FUTURE IS ALREADY A REALITY





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SMI: The new age of smart manufacturing

The SMI Group is today one of the world's largest manufacturers of bottling and packaging plants, able to meet production requirements up to 33,600 bottle/hour, devoted to food and beverage, household cleaning, personal hygiene, chemical and pharmaceutical products.

With the launch of the ERGON technology, SMI has initiated a design and engineering revolution, which can be summarized through three new concepts: "new age of packaging", "new age of bottling" and "new age of smart manufacturing"; with the innovations applied to the ERGON systems, SMI has showed again its new extraordinary capability of proposing on the market new advanced solutions for the bottling and packaging industries inspired by the Industry 4.0 and Internet of Things (IoT) principles, with improved efficiency, flexibility, eco-friendliness, ergonomics and with easier management and control.

SMI produces the latest technological solutions for the supervision and automation of complete lines, the production cycles monitoring, the data collection and the management of the industrial process in a more efficient and environmentally sustainable way.

For over 30 years, continuous innovation has been the driving force of SMI success as it has allowed to design, manufacture

and provide thousands of customers all over the world technologically advanced machines and systems, able to easily and efficiently meet the requirements of a constantly evolving market.

With over 6,300 machines delivered in the world, SMI has a long experience in this sector and offers a wide range of solutions able to meet all customer needs.

The importance of investing in R&D

Investments in advanced technologies and innovations are the main driver of SMI success. In order to maintain and develop its technical skills, every year SMI is used to investing a considerable part of its income in Research and Development activities.

These investments have allowed the company to launch on the market an even more diversified and innovative range of plants and machines featuring a very high-technological content.

Automatic shrink wrappers and case packers for every need

In the secondary packaging industry, SMI provides a wide range of high-performance automatic packaging machines able to satisfy every production need.

The LSK ERGON, CSK ERGON, AFW ERGON and SK ERGON series represent the best that shrink wrap film technology can offer for packaging a wide range of PET and other types of plastic, glass, metal and

cardboard containers in packs in film only (F version), in cardboard pad + film (P version) or in corrugated cardboard tray + film (T version). The available models permit to automate the secondary packaging process within production plants from 30 up to 45 packs/minute (the second figure refers to film only in triple lane).

Moreover, SMI also offers a wide range of case packers (LWP ERGON, CWP ERGON AND WP ERGON series) and combined packers (LCM ERGON, CM EGON and CM FP ERGON) to pack PET, glass, metal and cardboard containers in wrap-around cases, in tray only or in tray+film (LCM and CM series) or in packs in film only, pad+film, tray+film, tray only and wrap-around cases (CM FP series).

The available models allow to automate the secondary packaging process within production plants from 30 up to 80 packs/minute (depending on the series and the capacity of the container to pack).

New EBS K ERGON blow moulder: the SMI solution devoted to the "smart factory"

Among the solutions for the blowing and bottling solutions, SMI has recently introduced the new ultra-compact rotary stretch-blow moulder EBS K ERGON, available both in stand-alone and in combined version, combined with an

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electronic filler and a capper; it is a fully electronic system, which represents another important landmark in the "new age of bottling" and the Industry 4.0-compliant solutions devoted to the smart factory.

Starting from the countless technical innovations applied to the EBS (Electronic Blowing System) ERGON, SMI has developed the new EBS K ERGON series of very compact rotary machines, able to meet production requirements from 1,000 up to 8,800 bottle/hour.

The new models are available in 2, 3 and 4-cavity versions and exploit all advantages of the rotary technology in a speed range, traditionally served by linear blowers; indeed, thanks to the employment of advanced solutions, the EBS K ERGON range is able to manufacture PET containers up to 3 L with an output up to 2,200 bottles/hour per cavity from the 0,5 L capacity. Thanks to the EBS K project SMI was selected as National Winners and has represented Italy in The European Business Awards, Europe's largest business competition, sponsored by RSM.

Flexible market-driven organization

In a global market where competition is getting fiercer and fiercer, the possibility to guarantee a "next door" service is for SMI a key factor to effectively and successfully support customers wherever they are. Thus, over the years SMI has set up a widespread network of branches and representative offices in order to extend the service to the widest number of clients.

In the Asian continent, SMI operates through two wholly-owned subsidiary companies: SMI Asia Services Sdn Bhd based in Malaysia and SMI Machinery Beijing Co. Ltd based in China (with offices in Beijing, Nanjing and Guangzhou). Local staff's expertise and know-how ensure an accurate and qualified support to Asian customers.

