



THE CUTTING-EDGE SOLUTION FOR FILLING CARBONATED AND STILL BEVERAGES

THE BEVERAGE SECTOR IS UNDERGOING A PERIOD OF CONTINUOUS TRANSFORMATION, DRIVEN BY INCREASING MARKET COMPETITION, WHICH IS REFLECTED IN COMPANIES' CHOICE OF INCREASINGLY HIGH-PERFORMANCE FILLING SYSTEMS.

Filling is in fact the most important phase during the whole bottling process, as quality, hygiene and safeguard of the product features depend on this operation. Enoberg S.r.l, company of the SMI Group specialised

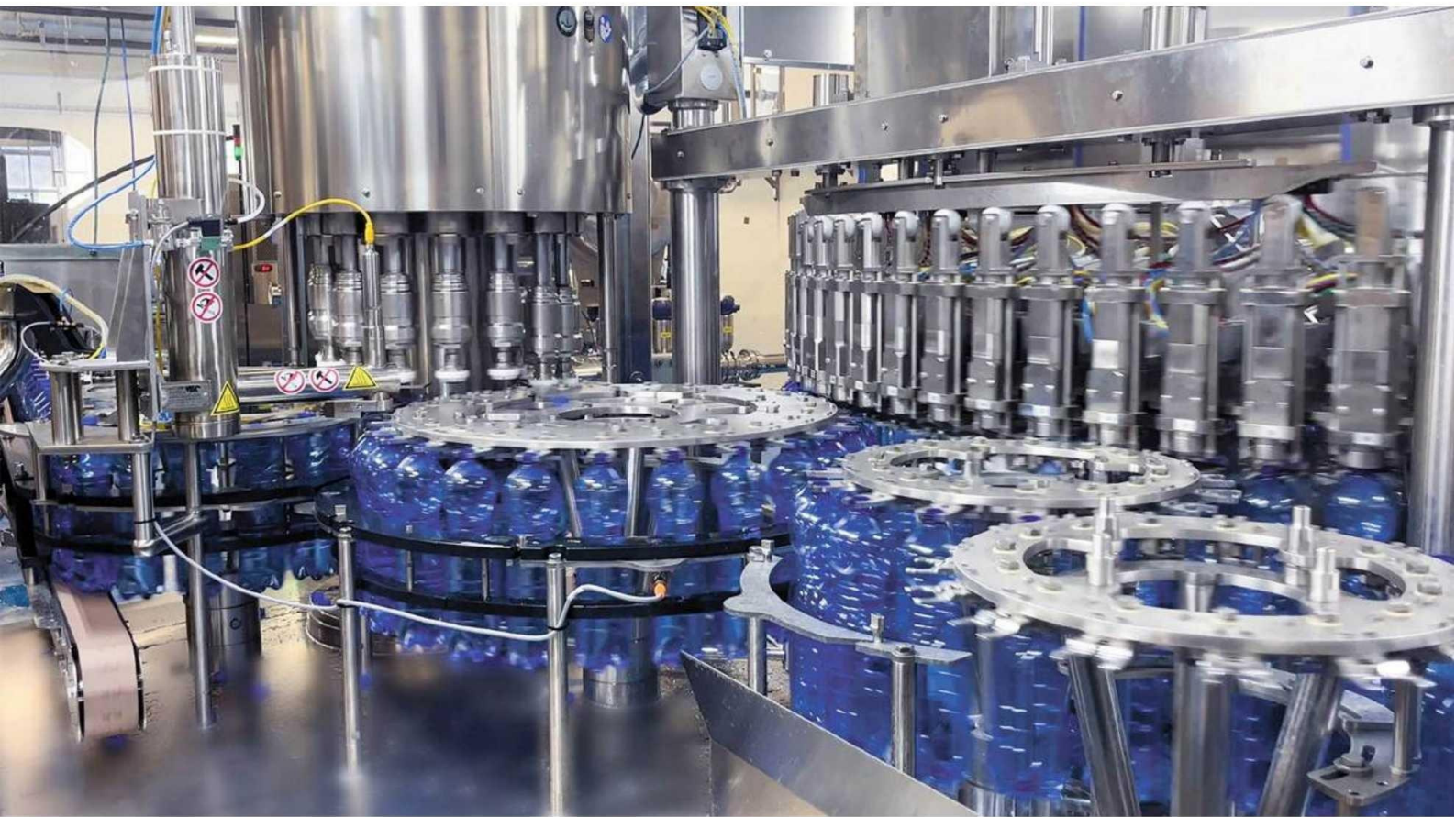
in the production of filling machines, has been investing in R&D to develop innovative, cutting-edge solutions to meet the levels of flexibility, reliability and ease of use required by customers all over the world.

Acqua Santa Vittoria: The Excellence of Liguria Turned to Enoberg

In Italy, In the heart of the Ligurian Alps, 1,380 meters above sea level, the company Acqua Santa Vittoria Srl company, involved Enoberg and SMI for the supply of a new complete 25,000bph line, including the 80-15 HEVS filling and capping machine.

Santa Vittoria company represents a cutting-edge reality in the use of renewable sources, respecting the territory and its resources. Over the years, this industrial reality has developed a flexible, efficient, quality and eco-sustainable production system.

The new investment was contemplated right down to the smallest detail, creating strong teamwork between Santa Vittoria and Enoberg, to keep under constant control every aspect of the bottling of cylindrical and square PET bottles of 500ml, 1500ml and 2000ml.



Flexible, Efficient and Eco-Sustainable System

The entire bottling, packaging and distribution process was designed to ensure sustainability, efficiency, preservation of product quality and purity and optimal use of production space.

The new line makes use of the latest generation technological solutions, which allow the use of lighter plastic bottles, made with 30% recycled material.

Key Features of Enoberg's 80-15 HEVS Filling and Capping Module

- Magnetic flowmeter technology.
- Volumetric electronic filling ensures high filling accuracy.
- The 80-15 HEVS filling and capping system meets the needs of hygiene, safety and cleanliness, minimising the possibility of product contamination.
- The structural parts of the machine are designed in such a way as to avoid the stagnation of liquids.
- The welded frame is made of AISI 304 stainless steel, without any iron parts, which guarantees a solid and rust-free structure.
- The filling chamber is completely isolated from the transmissions, which do not come into contact with the liquid to be bottled.
- The filling taps are made of AISI 316 stainless steel.
- Easy adjustment and settings of the machine parameters that can be performed directly from the HMI touch panel.
- Easy access to all parts of the filler for complete and efficient maintenance.
- Fully washable filling tap and CO₂ loading/unloading circuit.
- Independent channel dedicated to bottle depressurisation.
- Format changeover without equipment.
- Complete bottle bottom cooling with water recirculation and cooling plate.
- Machine designed according to Industry 4.0 parameters, to ensure complete automation of processes and electronic management of movements, all synonyms of maximum reliability.
- The movement of the machine's carousel is entrusted to sturdy gears positioned in the base of the machine.

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