

SMI AND INOLASA, WHEN INNOVATION IS ESSENTIAL

COSTA RICA IS A SPECIAL COUNTRY, IN WHICH PEOPLE ALWAYS SMILE AND MAKE THE CONCEPT OF 'PURE VIDA' THEIR PHILOSOPHY OF LIFE. A WORLD APART, THAT ALSO SURPRISES FOR THE STRONG CONTRAST BETWEEN PRISTINE LANDSCAPES AND MODERN COMPANIES, SUCH AS INOLASA, LEADER IN THE PRODUCTION AND SALES OF VEGETABLE OILS.

In the field of innovation and investments in new technologies, emerges the role of Inolasa, a leading company in the production and marketing of vegetable oils, soy lecithin and food supplies for animal feed. To expand its production capacity and to meet growing market demands, Inolasa invested in the installation of a 12,000 b.p.h. production line supplied by SMI, intended for bottling the Capullo & Doral brand of vegetable oil in PET bottles .

Welcome to Inolasa

Inolasa, or more precisely Industrial De Oleaginosas Americanas S.A., is





a leading company in the production and marketing of vegetable oils, soy lecithin and food supplies for animal feed. Aware of its role in the economic and social development of Costa Rica, the Puntarenas company (a town overlooking the Pacific Ocean) offers a safe work environment, that gives confidence to its workers and the community in which it operates, and is characterised by its ability to grow in a healthy and sustainable way. Innovation and continual improvement of processes, passion and ability to adapt immediately to market changes, customers at the center of everything, quality and the pursuit of excellence, these are the values that have allowed Inolasa to obtain the license of the national brand 'Esencial Costa Rica', a distinctive sign of the company and its products in the Central American country and in the rest of the world.

Inolasa is aware that collaboration and involvement with partners and customers are fundamental elements for long-term success. To achieve this goal, the Central American company

makes use of an important tool the 'Code of Ethics', which establishes the minimum criteria to be met, and encourages customers and suppliers to engage in their supply chain in a sustainable way, adopting actions aimed at safeguarding the environment. An example of this strong connection between Inolasa-suppliers-customers is represented by the recent collaboration that involved SMI for the installation of the 12,000 bottles per hour production line, with which the company highlights the importance of collaborating with companies that consider sustainable development as one of the essential values of their corporate 'mission', aiming at creating harmony between industrial

activity, product quality, respect for the environment and safety at work.

Main Advantages of SMI Line Solutions

A fundamental factor for Inolasa is the satisfaction of consumer expectations, through the offer of their widely available, high quality products. To achieve these objectives, the Costa Rican company turned to SMI for the installation of a latest generation production line dedicated to the bottling and packaging of Capullo & Doral vegetable oil in 0.5 L / 0.9 L / 0.95 L and 1.5 L PET bottles.

The primary packaging is ensured by an integrated blowing, filling and capping system from the ECOBLOC®

A FUNDAMENTAL FACTOR FOR INOLASA IS THE SATISFACTION OF CONSUMER EXPECTATIONS, THROUGH THE OFFER OF THEIR WIDELY AVAILABLE, HIGH QUALITY PRODUCTS. TO ACHIEVE THESE OBJECTIVES, THE COSTA RICAN COMPANY TURNED TO SMI FOR THE INSTALLATION OF A LATEST GENERATION PRODUCTION LINE.

range, the secondary packaging takes place through a wrap-around case packer from the LWP 30 ERGON range, the tertiary packaging in 1000x1200mm pallets is ensured by an automatic palletising system from the APS series, while the handling of the loose bottles at the outfeed of the ECOBLOC® system and the packs at the outfeed of the case packer is carried out by fully automated conveyors.

Integrated ECOBLOC® ERGON compact and flexible system that doesn't need the rinser and the conveyor belts between the blow moulders and the filler: compact and flexible solution; reduced energy consumption; ideal solution for bottling vegetable oil, as it uses an extremely precise, electronic filler system equipped with mass meters based on the Coriolis principle, which defines the quantity of product that passes into the valve supply pipe and transmits this data in the form of impulses to the machine control system. Once the predetermined number of pulses has been reached, filling stops; the filler valve is opened by means of a pneumatic solenoid valve controlled by the presence signal of the bottle and by that coming from the mass meter; the adjustment of the quantity of product to be bottled is carried out through the operator panel; high standards of hygiene throughout the filling process; this specific operation is particularly delicate, as the typical viscosity of edible oil requires precise and accurate filling techniques, which, in the systems supplied by SMI, are based on electronically controlled, mass flow meters.

Secondary packaging with wrap-around system equipped with a mechanical device for product grouping that offers the advantage of forming the cardboard boxes around the moving bottles without making any machine stops: packaging process with wrap-around system equipped with a mechanical device for product grouping, which offers the advantage of forming the cardboard

box around the bottles in transit without making any machine stops; ability to graphically customise the cardboard box to capture the attention of the consumer, offering the producer greater opportunities for marketing and product promotion; ideal solution for obtaining impact-resistant packaging, capable of protecting the product during transport.

Conveyors for loose PET bottles from the outfeed of the integrated system ECOBLOC® towards the LWP wrap around case packer and conveyors for packs between the LWP and the APS ERGON palletiser ensure smooth and constant movement; format change over times reduced to a minimum for rapid switch from one production to another; the modular structure and the high compatibility with other systems allow installation, start-up and testing to be carried out in an extremely simple way; simplified maintenance operations; use of high-quality components and wear-resistant materials, which reduce friction and noise, while preserving the quality of the packs transported; high system reliability, thanks to the structure and components in AISI 304 stainless steel.

Automatic palletising single-column system with two extremely flexible Cartesian axes: simple formation of the palletising layers; central column driven by brushless motors, which guarantee harmonious and precise movements of all the machine's operating axes; plant automation and control via MotorNet System®, a 'PC-based' system based on sercos fieldbus and 'industrial ethernet' communication protocol; high reliability, reduced maintenance and low running costs; system management facilitated by a simple and intuitive human-machine interface panel, equipped with advanced 3D graphics, touch-sensitive screen and a wide choice of diagnostic functions and technical support available in real time.

✉ info@smigroup.it
☎ +39 0345 40111

New Global Structure

TriMas Packaging, a leading developer and manufacturer of specialty dispensing and closure products, announced a new organisational approach for its global business.

TriMas is shifting from a market-centric organisational structure toward a product-focused structure. The reorganisation ensures a consistent customer experience and product offering across all markets and regions globally. TriMas Packaging's new structure reorganises the Rieke®, Taplast™, Affaba & Ferrari™, Plastic™ and Rapak® brands into three main product categories: Dispensing Systems, Closures and Flexibles.

With the new and enhanced structure, TriMas Packaging has built an agile organisation ensuring that specific customer needs are identified at a very early stage. We expect customers to further benefit from the new structure by having access to a team of subject matter experts in all markets. Our product expert teams have a deep understanding of customer needs and market trends. "We are celebrating our 100th anniversary this year, and the new structure lays the foundation for an even more successful future," commented Fabio Salik, President of TriMas Packaging. "With our new structure, we ensure that our product and industry experts are even closer to our customers. Our customers benefit from a consistent brand experience, access to industry experts and the fast delivery of innovations to help them improve their market position. We are more agile and closer to the market needs. As a global player, we ensure a unique and consistent customer experience across different markets and regions."