

SMI: NATURAL AND BIOLOGICAL PRODUCTION THAT RESPECTS THE ENVIRONMENT

SMI solutions for Cereal Terra

Nutrition is one of the main ways we can demonstrate love for ourselves and for others

Starting from the concept that “we are what we eat”, the company Cereal Terra, a pride of made in Italy, since 1990 has been producing quality preserves using 100% organic raw materials and has been investing in new technology, to combine technology and tradition and guarantee the quality of their products, starting from the selection of the seeds, up to the final product in jars that reaches the consumer’s table. In the field of packaging, this Turin-based company recently turned to SMI for the



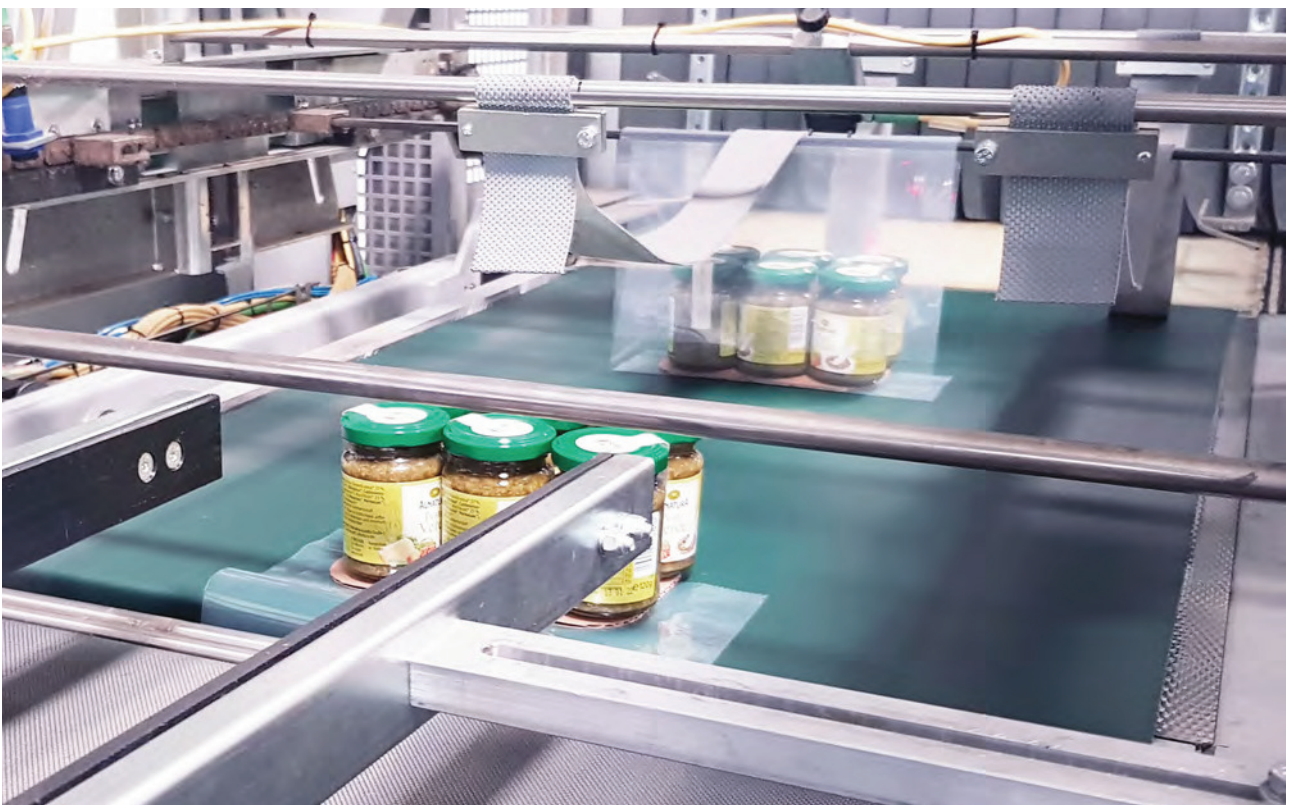
installation of a shrink film packaging machine from the LSK 40 T range, for the packaging of a wide range of jars from its production line, in tray and fil or pad and film

The story of the love for good things

Cereal Terra has a strong link with the territory in which it operates, putting the main importance on the natural cycle of raw materials, to enhance seasonal varieties. The Piedmontese company, has managed to create a

strong bond between tradition and family passion, the use of cutting-edge production techniques and cooperation with the entire supply chain, to offer its customers the highest quality products and the ability to trace every step of the raw materials used.

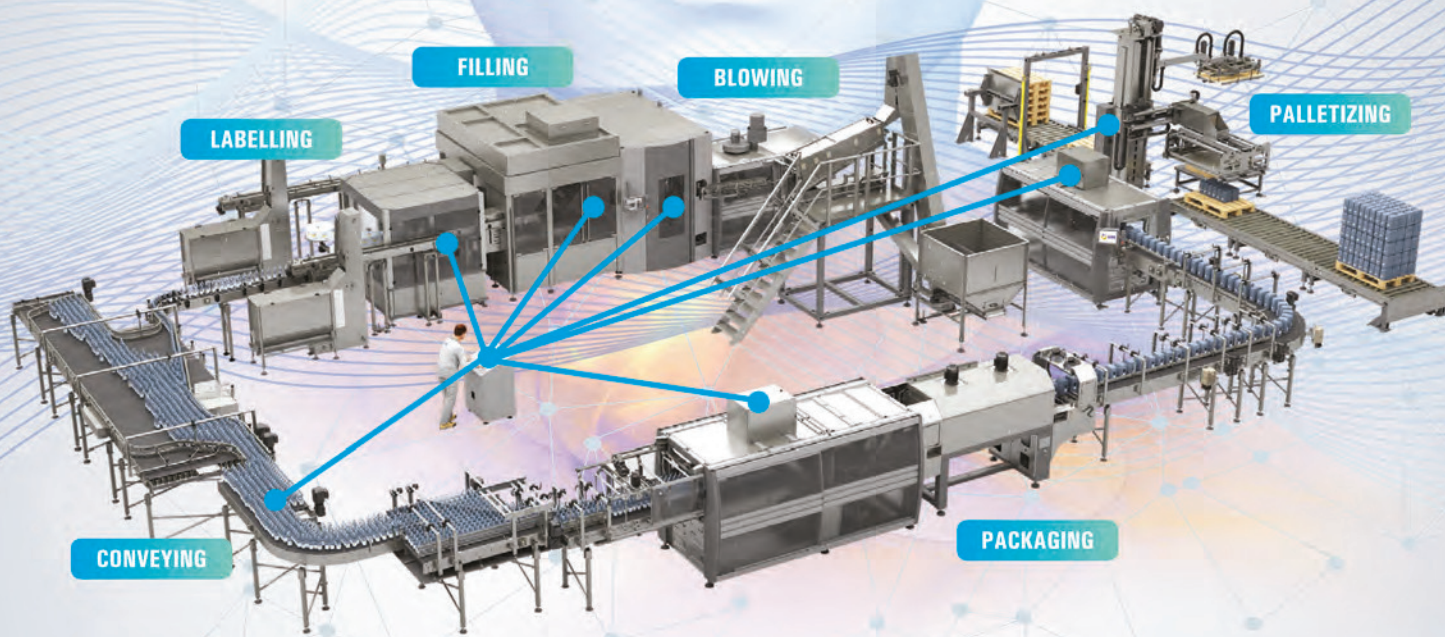
Its history can be told through its products, because each jar contains unique aromas and flavors of fresh products, which, after rigorous checks and inspections to ensure impeccable quality, are transformed and sold to the final consumer. Cereal Terra



INTERCONNECTED INTELLIGENCE BETWEEN YOU AND YOUR FACTORY



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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 up to 36,800 bottles/hour.

THE FACTORY OF THE FUTURE IS ALREADY A REALITY





is characterised by its wide range of production, which includes numerous types of jars and glass bottles of appetizers, sauces, pesto, ready-made dishes, etc., packed by an SMI shrink wrapper from the LSK ERGON range in practical shrink film packs with tray or pad. LSK 40T shrink wrapper is the best solution for packing in tray+fil or pad+film the wide range of jars produced by Cereal Terra.

Main features:

- automatic packer suitable for packing different types of containers
- mechanical product grouping system; format changeover is manual
- small size, capable of meeting the requirements of those who do not have large spaces in their production plants
- great quality-price ratio: despite the use of cutting-edge technological solutions and highly reliable components, the new LSK ERGON range has very competitive prices

- the film cutting unit has a compact design and the blade of the knife is managed by a direct-drive brushless motor, which makes the cutting operation more precise and the maintenance easier
- carton and pad magazine has been elongated to guarantee a greater operating autonomy and simplify management operations

Unique scents and flavors, enclosed in a jar

The first objective of Cereal Terra is to always obtain the best quality; to do this, it starts from extraordinary and very fresh raw materials that are processed in just one day, preferring manual and artisan production and bottling. For example, to produce pesto, characterised by the unique aroma and taste of freshly picked basil, the Piedmontese company uses exclusively organic products grown on their family farm, the Ciliegio, which is located in Sarzana in Liguria, a symbol of an agriculture that respects the land

and culture and guarantees genuine and quality products. The Genoese PDO Basil, with which it produces its pesto, is a traditional product guaranteed by a production regulation controlled by the Chambers of Commerce and labeled 100% transparently. The corporate philosophy of Cereal Terra is based on ethics and respect for the environment and contributes to the development of a healthier and more sustainable world. The company is very demanding regards the guarantees of origin, the excellent quality and traceability of the products it uses and, to achieve these objectives, it makes use of an independent laboratory. It also collaborates with accredited and continually monitored farms. Every single process of transformation takes place in compliance with strict hygiene standards and with the highest respect for the environment. In addition to the attentive manual work carried out by skilled hands, just like in the past, Cereal Terra uses cutting-edge machinery to perform scrupulous safety and quality checks, such as metal detectors, blowers, scales for corrections of the weight of the jars and mechanical closure and the use of highly modern, production techniques alongside a long tradition of artisan excellence.

SMI S.p.A.

SMI designs and manufactures bottling plants and packaging machines with an innovative design, equipped with IoT technology, providing thousands of customers from more than 130 countries with smart solutions, able to meet their requirements in terms of competitiveness, production efficiency, operational flexibility, energy saving, easy management and monitoring of the whole production process. The latest developments and the continuous investments in Research & Development have led to the production of even more compact, economic and eco-friendly machines, able to meet production requirements **up to 36,800 bottles/hour.** 🏭

www.smigroup.it