

SHRINK & STRETCH MACHINERY & MATERIALS

Innovative packaging

The LSK & SK series of automatic shrinkwrappers from SMI have proven to be a suitable solution for the packaging of any kind of beverage/food products. This type of packaging offers a cost-effective alternative to corrugated cardboard and it plays a key role in the product marketing strategies, since the use of printed film allows to catch the consumer's eye. Packages made with heat-shrinking film can be more easily handled, conveyed and recycled. The SK and LSK shrinkwrappers series is composed of automatic machines to pack plastic, metal or glass containers. Depending on the model chosen, they can make packs in film only, cardboard pad + film, cardboard tray, cardboard tray + film.

The LSK series achieve an output rate up to 35 packs per minute, according to the type of product to be handled and features a simplified modular design that satisfies the always mutable productive requirements of clients. All LSK packaging machines have a motorised oscillating dividing group, positioned above the infeed belt, which facilitates the laning of loose containers towards the product grouping section, preventing sudden stops in container flow. Though manual, the format change is extremely easy and fast as it is not necessary to replace any mechanical or electronic component on the machine. After completing the mechanical adjustment of the various parts using the specific reference counters and hand wheels to widen/tighten the guides, the operator needs to simply select the new format from the POSYC control terminal. Furthermore, the passage from a small package to a large one or vice versa does not create any kind of problem, as the operator has the possibility of easily changing the machine pitch choosing between one of the three available on all LSK models.

The SK shrinkwrapper features the new optional device "TS" in order to stack the packs. Thanks to this device, plastic, metal or glass containers packaged in cardboard trays or pad can be stacked



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on two or more layers, before being shrink wrapped. Then the packs can be directly conveyed to the palletiser and be distributed on the market in safe conditions, thanks to a packaging which protects the containers integrity and the product quality.

The versatility of the SK, as of all SMI packaging machines, offers a wide range of marketing solutions, in order to follow the most innovative market trends; for instance, the consumer can choose among several types of pack collations, from the family-size packages to the single products.

The LSK and SK packaging machines are managed and controlled by the POSYC operator panel, running the whole length of the machine, which gives access to the machine manuals, updates/changes the working parameters set and monitors the entire packing process. The highly intuitive interface, the touch sensitive screen and the advanced functions of diagnostics and technical support in real time present on the POSYC ensure that the less expert operator can quickly learn the use of the machine in the most efficient possible way.

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