

ACP SERIES

PICK & PLACE CASE PACKERS:
WHEN FLEXIBILITY MEETS
COMPACTNESS AND RELIABILITY



ACP ERGON SERIES



ACP ERGON
VIDEO
scan this QR code



FLEXIBILITY

Suitable for packaging in RSC cases with production speeds up to 20 packs per minute, these machines can handle different types of products: glass and plastic bottles, briks, as well as flexible packaging, such as pasta, rice and coffee bags.



COST REDUCTION

The product can be stacked in the case during its insertion without the need for dedicated systems, thereby saving costs.



SUSTAINABILITY

They are usually created from recycled materials, in compliance with the key principles of circular economy.



PRODUCT PROTECTION & RESISTANCE

They are suitable also for delicate products, since their resistance ensures the product protection. They have great load-bearing properties: this allows to stack several on top of each other during shipment.



ENERGY EFFICIENCY

This machine represents an eco-friendly solution, thanks to the use of ICOS motors with built-in servo drives, capable of simplifying the machine wiring and ensuring greater energy efficiency, low noise level and reduced component wear.



SMI S.p.A.
Via Carlo Ceresa, 10 I-24015 San Giovanni Bianco (BG)
Tel.: +39 0345 40.111 - Fax: +39 0345 40.209
info@smigroup.it - www.smigroup.it



QUICK & EASY FORMAT CHANGEOVER

Once the type of box is chosen, the next step is to select the packaging process and the machine that will carry it out. The first characteristic every customer looks for is flexibility: nowadays the market is experiencing the emergence of new trends and new consumption patterns to which production has to quickly adapt. Changing from one format to another or even from one product to another in short time is possible thanks to SMI pick and place packers from ACP series. In order to carry out the format or product changeover it suffices to change the picking grippers.



COMPACT SOLUTION WITH ERGONOMIC PROCESSES

In the choice of the packer, the machine size plays a key role, especially for those manufacturers who do not have large plants. This problem can be easily solved by ACP pick & place case packers, in which size compactness is combined with process ergonomics. For instance, the cardboard magazine of this packer is external to the machine, which makes the loading of pre-folded blanks easy and ergonomic.



RELIABLE PROCESSES AND PRECISE ADJUSTMENTS

Since one of the main functions of packaging is the protection of products from hits or shocks, in order to preserve their quality, the packaging process reliability is one of the characteristics that is appreciated the most by goods manufacturers. SMI ACP packers are characterized by a pick & place packaging process with an alternating motion (stop & go). During it, the case content is protected from hits or shocks and the label is protected from damages during the machine operation.



USER-FRIENDLINESS AND EASY MAINTENANCE

In order to get high productivity levels, processes do not have only to be reliable and precise, but also easy to control. ACP packers are equipped with a POSYC® fixed operator panel that allows even less expert operators to easily and effectively run the packer, thanks to an intuitive interface, a touch screen display, diagnostic functions and real-time technical support. In addition to the easy control, these machines also stand out for their easy maintenance and cleaning operations, thanks to slightly rounded safety doors and brushless motors oriented outwards.



GLUE OR TAPE? YOU CAN GET BOTH!

Adhesive is a choice that all goods manufacturers have to make. There are many factors that have to be considered, such as costs, production speeds, type of package, aesthetics and package protection. Whichever choice is made by goods manufacturers, SMI ACP packers will be able to meet their needs: pick & place packers are available in two models: G models (for hot melt glue packaging) and S models (for adhesive tape packaging). The model with hot melt glue sealing is equipped with a lower glue unit and a double spray upper glue unit which ensures excellent pack sealing. At the machine outfeed, special side upper flap-bends operated by a semi-rotary cylinder keep the walls of the newly made box pressed.



MULTIPLE APPLICATIONS

In addition to being suitable for a wide range of products, this solution can be used for several applications: insertion of items into RSC cases, plastic crates and cardboard baskets are a few examples. The later can be seen at Brau Beviale, where our ACP 20 ERGON will pack 66 cl beer glass bottles in cardboard baskets in the 3x2 format.

