

ONE CASE PACKER MULTIPLE APPLICATIONS

SMI'S EXPERIENCE IN THE FIELD OF SECONDARY PACKAGING HAS ALLOWED THE COMPANY TO DEVELOP A WIDE RANGE OF APPLICATIONS THAT CAN BE ACHIEVED WITH THE PICK & PLACE CASE PACKERS OF THE ACP ERGON SERIES.

Thanks to its solid monobloc structure, the ACP case packers can pack various types of containers in multiple types of packages, from a standard case a board box equipped with the PID device for inserting pre-assembled board separators or the possibility to insert glass bottles inside plastic boxes.

In addition, the ACP ERGON can also be used for other applications, such as the production of board basket packaging that will be presented at **Brau Beviale 2023**.

**Brau²³
Beviale** VISIT US ON
STAND 503
IN HALL 7A

Packs with a Personal Touch for Brau Beviale

On the occasion of the Brau Beviale trade fair, SMI will exhibit an ACP 20 S ERGON case packer to pack 66 cl beer glass bottles in cardboard baskets in the 3x2 format, with adhesive tape closure, at a maximum speed of 20p.p.m. The automatic case packers with pick & place system of the ACP ERGON series allow user companies to obtain a simple, effective packaging suitable for maximising the visibility of the package on the shelves at the points of sale.

The board basket presented at the fair is, in fact, the ideal solution to create a microwave cardboard multipack, which guarantees easy graphic customisation of the packaging

used for easy handling by consumers, thanks to the integrated handle, of beer bottles (but also cans, PET bottles, etc.).

THE ADVANTAGES OF ACP SERIES Operational Versatility

The ACP series is able to pack multiple types of containers, such as glass bottles, bags and boxes of pasta, rice and coffee, oval containers or briks, simply by changing the gripper/suction cup. This range of machines is particularly suitable for packaging even very delicate and



exclusive products such as wines, sparkling wines and liqueurs, without damaging the labels of glass bottles during the packaging process.

The ACP case packers feature a monobloc structure that combines all the machine functions: product separation, product insertion with top loading system, carton magazine, box sealing.

The packaging process is alternate (stop & go) by means of a pick & place system capable of making RSC packs at the maximum speed of 20p.p.m.

Thanks to the versatility of ACP series, the products to be packed can also be stacked inside RSC boxes, that are very robust and resistant.

The carton magazine of the ACP range, located next to the machine, allows the loading of pre-folded cut-outs in an easy and ergonomic way.

ACP ERGON case packers are equipped with Sercos fieldbus-based MotorNet System® automation and control technology, which ensures full compatibility with Industry 4.0 and Internet of Things (IoT) platforms within the plant.

Technical Features Include:

Alternate packaging process (stop & go) through pick & place system capable of making packages at the maximum speed of 20p.p.m.

Grouping of products in an alternating cycle, through a pneumatic separation system.

Carton magazine placed next to the machine with easy and ergonomic loading of the pre-folded blanks.

Packaging in American style board boxes with loose product top loading.

Possibility of stacking the product in the box during its insertion and packaging several types of products, such as bags as well as oval containers and briks, simply by changing the picking gripper.

Depending on the model chosen, the box is closed by means of adhesive tape or hot melt. The model with glue pack closure is equipped with a lower glue unit and an upper glue unit with double spray that ensure pack sealing. At the machine outfeed, special lateral upper flap-folding devices driven by a semi-rotary cylinder keep the walls of the newly made box pressed.



 **smigroup**

www.smigroup.it

+39 0345 40111