



Performance
through
Understanding



PACKING

CERMEX FLEXIPACK PICK & PLACE CASE PACKER



WINE AND
SPIRITS

Bottle integrity, high flexibility and operability concentrated in an agile solution for RSC cases

Wine and Spirits producers have to manage an increasing number of new formats as well as new SKU requirements. In addition, fragmented product offering (often leading to shorter production runs), brand equity and product quality are three key components for attractiveness, differentiation and consumer loyalty.

Cermex FlexiPack is an auto-adjustable case packer guaranteeing the **integrity of glass bottle design and decoration**. The solution also includes **fast, reliable and repeatable changeovers** making your production even more agile.

HIGH FLEXIBILITY

Driven by simplified or automatic solutions, the changeovers are based on **ergonomics and ease**, to facilitate access for staff interventions as well as **quickness & repeatability**, to improve line availability and ramp-up.

- Motorized adjustments for fast, reliable and repeatable changeovers in **less than 10 minutes** (automatic + tool-free + light weighted change parts)
- **Wide range of glass bottles managed**, diameter from 60 to 108 mm and height between 205 to 380mm
- Smooth and precise batch gripping and transfer of 24 to 48 bottles by **unique auto-adjustable gripping head** mounted on a 2-axis gantry manipulator
- **All movements are servo-driven** for smooth contact with product at all times and facilitate fully automatic adjustments for changeovers
- End grippers can be **easily and quickly changed when changing** collation, bottle neck and/or cap design





PRODUCT INTEGRITY

Glass bottle and decoration integrity (labels, tamper evident, capsules and tax strip) thanks to flow and speed management at every step, to limit contact, pressure, shock, and consequently, noise.

- **Speed regulation and positive bottle distribution** in three or four lanes thanks to DiviArm divider
- Innovative batch collation via **a succession of four conveying zones**, with different speed levels
- **Accompanying end-stop bar**, smoothly transferring bottles to the picking station
- Optional: contactless conveying and accumulation solution with **AQFlex® for an even-more compact overall layout and more accumulation-time capacity**



GREATER OPERABILITY

- **User-friendly Human Machine Interface** (tablet-based navigation HMI) supporting operators for:
 - **Statistics, diagnostics and maintenance:** access to Standard Operating Procedure (SOP) and maintenance sheets for easier and faster trouble shooting and root cause analysis
 - **Autonomous creation of new format** with automatic generation of associated changeover settings, for a fully-automatic, native changeover
- **Reduction of gripping head weight** by using lighter materials
- **Overall noise reduction**, thanks to the limitation of contact and shocks between bottles delivered by innovative infeed and grouping systems
- **Cuts on compressed air consumption** as a result of the overall replacement of pneumatic actuators by electrical ones

