

## *AP Series Compact Packer*



The AP Series compact packer is a horizontal, intermitted motion and compact solution for packing your demands of round and square PET bottles into standard cartons. Modular bottle gripper facilitates fast part change for high productivity performance. Compact machine design enabled optimal space utilization with significantly low maintenance requirements. Open machine structure design enabled machine operators to gain ease access to all pneumatic components and parts during maintenance work. With an averaged production capacity of 10 cases per minute allows the AP Series packer the best solution for your packaging line especially when spaces are limited. AP Series packer can be integrated easily with automatic erectors and carton sealer to form a complete production cycle.

### **Your benefit:**

- Compact Design for optimal space utilization
- Ease of maintenance thanks to monobloc machine design
- Fast change over thanks to modular bottle gripper
- High safety standard due to integrated safety devices

### **Method of operation:**

Beverage containers enter in the machine via mechanical conveyors and divided into multiple lanes in pre-defined configuration. Once sufficient container quantity is confirmed by counting sensor, a batch of containers is loaded laterally into packing zone by air actuated cylinders. When containers are in position, modular bottle gripper will be activated to grip containers and load them into erected carton underneath. Once loading is completed, bottle grippers will be released and return to original position for the next cycle of production. Fully packed carton will be conveyed and discharged via roller conveyors to carton sealer at the end of line.

**Facts and figures:**

- Production capacity: 10 cases/minutes
- Construction material: Painted carbon steel frame or SUS304 stainless steel
- Applicable containers: Round and square and rectangular containers
- Applicable container material: PP, PE, PET, HDPE
- Applicable package: carton box

**Additional Equipment:**

- Automatic carton erector
- Automatic carton sealer
- Weight inspection unit