

MWP Series Full Carton and Semi-Tray Packer



The MWP Series corrugated carton packer is a horizontal, intermitted motion solution with vertical product feeding whenever you demanded for high degree of reliability and flexibility in your carton packing line. This machine is carefully designed to process comprehensive range of product configurations in containers like PET bottles, standard cans and stubby cans. Simplified machine transmission design and less components in the system allows operators to perform maintenance work with minimal downtime. MWP Series corrugated carton packer is a high flexible, reliable and robust solution to your packing lines. Human machine interface and programmable logical controller offered high degree of flexibility in terms of integration between upstream and downstream machines. Ideal for small to medium production requirements.

Your benefits:

- High reliability thanks to synchronized transmission system design
- High flexibility with wide range of packing configurations
- Low maintenance due to reinforced machine design
- Hot melt glue application with high degree of repeatability
- Fast part change thanks to modular machine parts.

Method of operation:

Containers enter the machine via top chain conveyors and initially divided into several lanes by lane divider. Once pre-defined quantity of containers is in position, they will be loaded automatically via synchronized mechanical loading system into cartons or trays underneath. Cartons or trays with loaded containers will be further sealed via multi-staged sealing stations. Hot melt glue is applied to the carton flaps during this sealing process. Fully sealed carton boxes and trays will then transferred to end of line via roller conveyors.

Facts and figures:

- Production capacity: 22 to 25 cases/minutes (Product dependent)
- Construction material: SUS304 stainless steel and painted carton steel
- Applicable containers: PET containers and cans
- Applicable package: Standard Tray, semi-tray and cartons

Additional equipments:

- Carton weighting and rejecting machine
- Lane dividing machine
- Palletizer