

# MWP SERIES

## Automatic vertical loading 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.

- Capacity ranging 20CPM to 28CPM
- Suitable for PET, PP, PE glass and CAN
- Suitable for round, square and rectangular bottle
- Constructed from SUS304 and carbon steel
- Suitable for carton box and semi-tray
- Integrated with hot melt glue system



# MACHINE FEATURES

## SYNCHRONIZED DRIVE

Roller gear cam index unit is used for precise positioning of carton box in between different processing stations. All loading mechanism are synchronized with the main drive for optimal precision and stability



## RELIABLE GLUE SPRAY

Adopts NORDSON hot melt glue machine for precisely controlled glue spray and injection. The amount of glue can be adjusted in accordance with production requirement.

## CARTON PLATE STORAGE

The empty plate storage rack can hold up to 200 to 300 sheets of empty carton plates. Minimizing the time required for refill. Less maintenance and less machine downtime

## COLOR HMI

Machine operation status is displayed via color human machine interface. All machine error messages are illustrated on the touch panel and recorded in the history page for further reference

## FAST ADJUSTMENT

All change parts and adjustments can be done easily with guiding meter or scales. Facilitate change part and adjustment. The gap between two transfer chain can also be adjusted quickly by releasing the spacers on the main drive shaft.

# YOUR ADVANTAGES

## STABLE CARTON FORMING

Carton forming are processed at different stations with multiple sets of air cylinder and folding device. Resulting perfect carton forming and sealing from every direction.

## STABLE CARTON SUCTION

The suction power is generated by vacuum pump, resulting stable carton plate suction. Individual carton plate is then loaded into the packaging zone by rod less air cylinder. Stable and reliable

## PRODUCT LOADING SENSORS

Product loading sensors are located underneath the packaging zone to confirm the presence of bottles. Avoiding possible collision between products are any mechanisms underneath.

## STABLE PRODUCT LOADING

Vertical loading of bottles are supported by mechanically synchronized transmission drive and roller gear cam index unit. Carton lid folding, glue spray, top lid folding are complete perfectly in one cycle

## TWO PACKAGES

By change parts, two different packages of full carton and semi-tray can be used in a single machine. High degree of flexibility to meet different market requirement.

## OPEN STRUCTURE DESIGN

The machine structure is designed based on open design principal. Maintenance personnel can gain easy access to all transmission parts and components. Facilitating maintenance and reduce machine downtime.

