

MP Series Tetra Pack Packer



MP Series Tetra Pack Packer is an intermittent movement, lateral design machine, specially designed for packing Tetra Pack products. This machine is integrated with a color HMI system, making operators much easier to operate and adjust the machine. Simplified drive train design greatly reduces maintenance costs and time. With the help of a PLC system, this machine can be easily connected to other equipment in the product line.

Advantages

- Integrated with Nordson Hot Melt Glue Applicator, stable glue supply with solid seal
- Modular design with rigid structure, highly reliable
- European Manufacturer Cylinder, ensuring pushing power, stable forming for cartons
- Integrated with color touch screen HMI and PLC, increasing operators' adjustment capabilities
- High capacity cardboard magazine, increase production efficiency

Operation Method

Before Tetra Pack enters the packer for packaging, the lane divider will divide products into a different lanes. Products will be aligned separately with the help of a lane divider, and the product will be delivered onto the gravity drop zone. With the product weight and gravity, the cardboard will be formed in a certain shape base on the forming mold. After the bottom of the cartons is folded, the side cylinders will push in and form the side of the carton and the opening ears. The hot melt glue will later be sprayed on the opening side and the cylinder will push in for a solid seal. The properly sealed product will be delivered out of the machine by the conveyor and sent to the next stage for further process.

Specs and Data

- Machine Output : Maximum 10 cartons/min
- Production Method : Machine drive and cylinder push bar
- Machine Material : Carbon steel with anti-corrosion layer and SUS 304 stainless steel
- Applicable Product : Tetra Pack