

5 Servo Motor Controlled Frozen Food Packaging Equipment



The bun packaging machine also belongs to the down film type packaging machine, which is designed for the high product, secondary package, group package, or family package. This type of frozen food packaging equipment controlled by 5 servo motors can pack multi-bags.

Characteristics and Structural Features of Frozen Food Packaging Equipment

- 1) Box-motion End-seal: Very good-looking and well-sealed packages.
- 2) Strict division between product/packaging material handling and drive elements.
- 3) Minimum of mechanical parts. Low noise and university of the same parts where possible.
- 4) Strong Machine Body: Cantilever machine frame + integrated electrical cabinet.
- 5) Belt Feeding Design: Easy to operate and daily cleaning. F.B.F Type conveyor design (Film bottom feeding) for multiple-item packaging purposes, such as 1*5 bags noodles and bag snacks.
- 6) Sanitary Standard: SUS304 machine housing to meet highly regulated food grade standards.
- 7) Full-cover safety cover, equipped with a safety switch (alarm stop), to avoid the occurrence of accidents.
- 8) Compact and Small: No more than 2-meter long.
- 9) Smart & High Tech: The bun packaging machine adopts servo motor driven and computer controlled.
- 10) A.F.C. (Auto Film Catcher): On request to AFC to reduce operational downtime.
- 11) M.I.S. Function (Misplaced Item Skip) helps to reduce waste and incorrect cutting.

Frozen Food Packaging Equipment Functions and Devices

- 1) PID electronic temperature control x 4.
- 2) Detect printing electric eye point function SICK electric eye x 1.
- 3) Stop without paper / Stand by without material (to prevent empty package) / Stop with material clamping / Stop with abnormal temperature.
- 4) Miscutting protection: Displacement detection (if the packing material is in the wrong position, the cutter will automatically jump and cut without stopping).

Packaging Type of Packaging Machine

Pillow pack center sealed, on request with or without gusset device.

On request with perforating, labeling, print coding, eye-mark locating, coupon inserting and tear strip, easy-tear notches, and other auto feeding systems.

Technical Specifications

Items	Model
	5 Servo Motor Controlled Frozen Food Packaging Equipment
Bag former(mm)	(L) 180-300mm (W) Max.300mm (H) Max 120mm
Bag length	Small outer diameter 80-400mm; Large outer diameter 100-400mm
Film Width	Max. 670mm
Packing Speed	40-60 bags/minute
Packing material	OPP or CPP / OPP+CPP/PET+CPP/PET+LLDPE/PET+VMCPP
Machine size	L6000*W1500*H1600mm
Total Power	3.5KW
Voltage	Single phase 220V 50/60HZ Air pressure:0.6MPA
Overall Weight	1500KG