

## **5 Servo Motor Multi-pack Frozen Food Packaging Machine RD-BM-508S**



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

### **Features of Multi-pack Frozen Food Packaging Machine**

- 1) Strict division between product/packaging material handling and drive elements.
- 2) Belt Feeding Design: Easy operation and daily cleaning. F.B.F Type conveyor design (Film bottom-feeding) for multiple-item packaging purposes.
- 3) Full-cover safety cover, equipped with a safety switch (alarm stop), to avoid accidents.
- 4) Smart & High Tech: Servo motor driven and computer controlled.
- 5) A.F.C. (Auto Film Catcher): At the request of AFC to reduce operational downtime.
- 6) M.I.S. Function (Misplaced Item Skip) helps reduce waste and incorrect cuts.

### **Main Features and Advantages**

- 1) Compact and Small: Occupy less space, easy to move.
- 2) HMI Touch screen: 10.4-inch color touch panel, easier for a user to operate the frozen food packaging machine.
- 3) 100 Recipes: Able to save up to 100 product recipes for any complicated production.
- 4) Smart Belt Design: patent fast dismantles belt design, easily removable belt without any help of tools.
- 5) No Product No Pack Function: With this function, no empty bag and no waste will be produced.
- 6) The height of the packaging products is high.
- 7) Gussets and fold lines make the packaging more three-dimensional and beautiful.
- 8) Additional functions are practical, and optional devices are diversified.

9) The touch screen of the HMI panel is integrated on the top of the multi-pack biscuit packaging machine. As an option, also an adjustable panel mounted on the swivel arm is available. Parameter entries, errors, alarms, and production statics are all displayed on the HMI.

### Frozen Food Packaging Machine Function and Device

- 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).

### Technical Specifications

Items	Model
	5 Servo Motor Multi-pack Frozen Food Packaging Machine RD-BM-508S (Down Film Type)
Bag former(mm)	(L) 100-500mm (W) Max.200mm (H) Max 100mm
Bag length	Small outer diameter 80-400mm; Large outer diameter 100-400mm
Film Width	Max. 500mm
Packing Speed	40-60bags/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