

TMZP500SG Flow Wrapper Pillow Packing Machine (Servo control)



This flow wrapper is designed with 3 servo motors, which will help to save at least 3-5 workers per machine. The flexible design is capable with lots of products range, in other words, one machine can handle 2-5 kinds of similar product. It is applicable for packing various solid regular objects, such as biscuits, cookies, ice pops, snow cake, chocolate, rice bar, marshmallow, chocolate, pie, medicine, hotel soaps, daily items, hardware parts and so on.

Flow Wrapping or Horizontal Form-Fill and Seal (HFFS) is the process of making a horizontal bag from a single roll of film. Heat is applied to the bottom and ends of the film to form a sealed, flexible package already filled with products. Flow wrap packaging is used for a variety of products from food and bake goods to regular household items and stationery.

Features

1. With menu storage memory function, can use the memory formula from the touch screen according to different products or packaging film.
2. With the industry-leading electronic cam algorithm, bag length range from 60 mm to infinite, The bag's actual length takes effect immediately after setting, save time, and packaging film.
3. Advanced algorithm for preventing cutting products and empty bags. Packaging film stops feeding when no product, save materials.
4. The horizontal sealer, vertical sealer, and product feeding are controlled by an independent servo motor. The mechanical structure is simple, the operation is stable and small noise.
5. The packing machine can track the feeding speed automatically when connected with the line. High precision, high speed up to 300 packs/ per minute with double blades.

6. Human-machine interface, the parameter setting is easy and convenient, the color mark can automatically track and correct cutting length. Digital input of cutting position makes the sealing and cutting more accurate.
7. Self failures diagnosis, clear failure display.
8. Automatic alignment of a single paper, well-known brand servo motor / PLC/ touch screen. above these are machine standards.
9. Double film support rollers, automatic film connection, inflatable, alcohol spray, lifting panel, date printer, vertical seal/output brush, fully stainless steel frame. preventing cutting products&empty bags, Above these are machine optional devices.
10. The center distance of the standard horizontal seal knife shaft is 132, which can be changed to 105 or 90 when the product is small and the required packing speed is high (such as 300 packets/min or above).
11. In-feed part can be customized according to actual needs.
12. It can communicate with upstream and downstream machines if needed.

Technical Parameters

Model	TMZP-500SG
Speed	35~300 pcs/min
Bag size	(L)60- no limit (W)30-150mm(H)5-50mm
Film Width	65~400mm
Film Material	OPP/PP, PT/PE, KOP/PP, ALU-FOIL
Dimension	(L)4000mmX(W)960mmX(H)1600mm
Heating	3.8kW
Motor power	2.5kW
Total power	6.3kW
Overall weight	550kg