

Servo Horizontal Form Fill and Seal Machine ZP-530S



Flow wrapping or horizontal form fill and seal (HFFS) machine 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 baked goods to regular household items and stationery.

This horizontal form fill and seal (HFFS) machine adopts a European design, which is more luxurious, stable, and safe. The horizontal form fill and seal machine is controlled by 3 servo motors and has no bag no pack, no product no pack function.

Characteristics and Structural Features of ZP-530 Horizontal Form Fill and Seal (HFFS) Machine

- With menu storage memory function, can use the memory formula from the touch screen according to different products or packaging film.
- Advanced algorithm for preventing cutting products and empty bags. Packaging film stops feeding when no product, saves materials.
- The horizontal sealer, vertical sealer, and product feeding are controlled by an independent servo motor. The horizontal form fill and seal machine has a simple structure, stable operation, and low noise.
- The horizontal form fill and seal machine can track the feeding speed automatically when connected to the line. High precision, high speed up to 300 packs/ per minute with double blades.
- Man-machine interface, the parameter setting is simple and convenient, and the color mark automatically tracks and corrects the cutting length. Digital input of cutting position makes sealing and cutting more accurate.
- Self failures diagnosis, clear failure display.
- Automatic alignment of a single paper, well-known brand servo motor/ PLC/touch screen. above these are machine standards.

- 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.
- 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).

Application of Horizontal Form Fill and Seal (HFFS) Machine

Applicable for packing various solid regular objects, such as packing pies, packing cookies, biscuits, chocolates, candies, medicines, and so on.

Technical Parameters

Machine Model	Servo Horizontal Form Fill and Seal (HFFS) Machine ZP-530S
Packing speed	35-300 bags/min
Packing material	Plastic film (OPP/CPP, PT/PE, KOP/CPP, ALU-FOIL)
Bag style	Pillow type/fat pouch (3-side presealed)
Bag size (L*W*H)	60-Infinite mm, 30-150mm,5-50mm
Film width	90-400mm
Packing Dimension (L*W*H)	4000mm*900mm*1600mm
Heat power	3.8kw
Motor power	2.5kw
Total power	6.3kw
Overall weight	630kg