

TECHNICAL SPECIFICATION

Product to be filled : This model is suitable for packing various solid products having fixed shape and carrying edge single or piled together namely cake, bread, biscuits, candies, sweets, maggi, meat and fish pieces, ice candy bars, cheese slabs, fruits, wet wipes, soap, detergent cake, scrubber pads, bearings, hardware items, files, tablet strips, tubes, sachets, small leaflets, tazo, cards, tattoos, mosquito coils,, bars, chikki, deodorant cakes etc

Main features :

- Standard model suitable for all packing material and printed or non printed rolls
- Sturdy and vibration free construction
- Machine framing in heavy duty mild steel, powder coated
- Feeding conveyer and all contact parts will be in S S 304
- Designed for easy cleaning and maintenance
- Extreme versatile machine design to accommodate variety of products
- Adjustable former and collar assembly in height and well as width of the product
- User friendly operations and settings
- Separate electrical panel, safety for operator
- Electrical wiring easily accessible
- Safety features and emergency provided for the operator
- Safety door interlock (optional)
- Independent PID temperature controllers for sealing and cutting

Machine output : Maximum speed up to 40 to 120 packs per minute depending on gravity flow properties of the product and accuracy of filling

Film Width : Maximum 350 mm open width

Film roll diameter : Maximum 300 mm OD, 75 mm core ID

Pouch width : 50 to 150 mm maximum

Pouch length : Minimum 100 mm to maximum 300 mm

Product height : Maximum 50 mm

Packing Material : Machine is designed for most types of Heat Sealable Laminate up to maximum of 300 gauge.

Machine control : Simple electrical panel with PID type temperature controllers



Main drive : Complete mechanical machine all sealing, cutting and feeding system synchronized by gears and chain drives interlocked with each other

Electrical Data : Power supply, 440 VAC, 3 phase with neutral and ground connected or Single Phase as per customer requirement

Motor Drive : 1 Hp, 440 VAC, 50 Hz, 3 phase with reduction gear box

Heaters : 200 Watt X 2 heaters for vertical sealing and 300 watt X 2 heaters for horizontal sealing-cutting

Temperature controller : Omron or Selectron or Delta make PID controller

Machine size : 3300 mm X 680 mm X 1750 mm

Nett Weight of machine : 550 Kilogram

Optional arrangements : • Fully S S machine • Online printing • Online label applicator • Pouch take off conveyer • Auto feeding conveyer • No product no pouch setting

Registered Office Address :

Unit No-11, Shiva Industrial Estate, Lake Road,
Near TATA Power, Bhandup (W), Mumbai 400078
Web : www.shrutiflexipack.com

Factory Address :

Plot No. B-49, MIDC Road, Behind Reliable Plaza,
Near Chinchapada, TTC Ind. Area,
Airoli, Thane Belapur Road, Navi Mumbai 400708
Phone : +91-9619909581 / +91-7506129084
E-mail : marketing@shrutiflexipack.com
Web : www.shrutiflexipack.com

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FLEXIPACK PVT. LTD



FLOW WRAP MECHANICAL MODEL

DESCRIPTION OF OPERATION:

This machine is Horizontal Form Fill Seal Machine suitable to pack single piece or multiple pieces piled fit on each other. Feeding system is pawl chain conveyer where operator will keep product manually. Auto feeding systems can be fitted on this machine. The film is drawn by two pairs of rollers and also seal the film at the bottom same time. Sealing system is a continuous heating system. Disc type heaters fitted in the desired size metal heaters and the heating is controlled by temperature controller. At the folding box packing roll formed in a shape of tube and product is inserted in this tube by feeding conveyer. Product is wrapped by the packing material and carried upto the horizontal sealers. A pair of horizontal sealer then seals and cut the pouch. Packed pouches will come out on out feed conveyer. Pouch length is settled by pitch gear. Photocell control panel is microprocessor controlled unit, separate forward and reverse panel adjustment is given for photocell mark adjustment.