

Vertical Form Fill & Seal Machines to Pack Liquid



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continues up-gradation Process)

Operation of the Equipments

It is an Automatic Form, Fill and Seal pouch packing machine. A lay flat roll is mounted on the machine. Pouch is get formed with the help of the former. The vertical sealing takes place at top sealing jaws and horizontal sealing and cutting takes place at bottom sealing jaws. The sealing type is Impulse sealing and it is controlled by controlling knob on the front panel. The filling system is Gravity filler. The exact volume required is set by fill timer adjustment system of the gravity filler. The photo control unit (optional) is used to cut the pouch at fix place (photo dot). Batch coding (optional) is done on line on the machine.

Salient Features of the Equipments

- Fully Mechanical Machine hence no requirement of Air compressor
- Require only Single phase power supply
- Low power consumption / Low Noise
- Digital Pouch Counter
- All the contacts parts made from Stainless Steel
- M.S Fabrication Body With Fully Stainless Steel covering
- Photo Registration Device for Eye Mark Sensing.
- Variable Speed Drive Assembly: 0.5 H.P x 230 V.A/c
- Vertical Sealing Assembly
- Horizontal Sealing Assembly
- Roll Mounting Assembly
- Pouch Former

- Temperature Controller Device - 2 Nos.
- Liquid Filling Dosing Head Assembly – 1 No.
- Batch Coding Device – Optional.

Technical Specification of the Equipments

- Filling range : 10 ml to 100 ml (with the Help of Different Set of Change Parts and Different Machines)
- Speed : 1500 to 1800 Pouches / Hour (Depends up on the Volume and Pouch Size)
- Working head : Single head
- Packing material : Polyethylene film
- Film roll width : 225 to 325 mm
- Pouch type : Centre seal pouch (Overlap type)
- Filling system : Gravity filler
- Sealing system : Hot Bar
- Electrical supply : 230V A.C. / Single Phase / 50 Hz
- Power consumption : 1 KW
- Net Weight : 250 kg (Approx.)