

## TECHNICAL SPECIFICATION

**Product to be filled :** This model is suitable for packing free flow products namely hardware items, bolts, nuts, washers, O rings, compound kits, chocolates, candies, beans, kurkure, chips, fryms, mixtures, camphor tablets, medicinal tablets etc.

**Machine output :** Maximum speed up to 30 packs per minute depending on properties of the powder and accuracy of filling

**Filling Range :** Minimum 10 gm to maximum 100 gm factory set

**Pouch Range :** Pouch Width : Minimum 50 mm to Maximum 120 mm

**Pouch Length :** Minimum 100 mm to Maximum 200 mm

**Packing Material :** Machine is designed for most types of Heat Sealable Laminate up to maximum of 200 gauge.

**Machine control :** Electrical Panel with Omron Make PLC

**Main drive :** Horizontal sealers will be pneumatically actuated, Pulling with be with mechanical clutch system,

**Electrical Data :** Power supply: 230 VAC, 1 phase with ground connected

**Motor Drive :** 1 Hp, 440 VAC, 50 Hz, 3 phase with VFD

**Air :** 275 Liter Per Min at 6kg/CM2

**Heaters :** 250 Watt or 300 Watt X 4 heaters

**Temperature controller :** Omron or Selectron make PID controller

**Photocell control :** Omron or datalogic make

**Length X width of machine :** 700 mm X 2700 mm with bucket conveyer

**Height of machine :** 1850 mm including roll

**Nett Weight of machine :** 250 Kilogram

### Optional arrangements :

- Batch cutting facility
- Online printing
- Online label applicator
- Pouch take off conveyer
- Product infeed systems

### Optional filling systems :

- Cup filler
- Auger Filler
- Weigh Filler
- Syringe Filler
- Counting mechanisms



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VFFS WITH BUCKET CONVEYER

### DESCRIPTION OF OPERATION:

This is a vertical form, fill and seal machine for packing all types of granular gravity flow products. This machine shall make center seal pouches. This model is mainly designed to pack 10 gm to 100 gm product packing. Maximum reel width can be used in this model is 250 mm open width with 76 mm core ID, 250 mm OD. Pouch length is controlled by electromagnetic clutch brake and two pairs of vertical sealing rollers which is synchronized with PLC and print registration sensor as well as shaft encoder. Unprinted packing material can also be used in this machine. This machine is semipneumatic model where vertical sealing is mechanical and horizontal sealing done on pneumatic cylinders.