

TECHNICAL SPECIFICATION

Product to be filled : This model is suitable for packing free flow or non free flow powders namely milk Powder, talcum powder, chocolate powder, tea dust, filtered coffee, chemical powders, pesticide powders, all flours, grinded spices, curry powder, chilli powder, turmeric powder etc.

Machine output : Maximum speed up to 60 packs per minute depending on properties of the powder and accuracy of filling

Filling Range : Minimum 50 gm to maximum 1000 gm factory set
1000 gm to 3000 gm model is also available

Pouch Range : Pouch Width : Minimum 75 mm to Maximum 210 mm

Pouch Length : Minimum 100 mm to Maximum 300 mm

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

Machine control : Electrical Panel with PLC and HMI

Main drive : Both horizontal and vertical sealers will be pneumatically actuated, Pulling will be with mechanical clutch system, servo models are also available

Filling System : Servo controlled auger filler suitable for uniform powder products

Electrical Data : Power supply: 440 VAC, 3 phase with neutral and ground connected

Motor Drive : 0.5 or 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 3 heaters

Temperature controller : Omron or Selectron make PID controller

Photocell control : Omron or datalogic make

Length X width of machine : 700 mm X 590 mm

Height of machine : 2350 mm with hopper

Nett Weight of machine : 635 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
- Indexing bucket conveyer
- Counting mechanisms

Registered Office Address :

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Factory Address :

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VFFS WITH AUGER FILLER SYSTEM

DESCRIPTION OF OPERATION:

This is a vertical form, fill and seal machine for packing all types of powder products. This machine shall make center seal pouches. This model is mainly designed to pack 100 gm to 1000 gm product packing. Maximum reel width can be used in this model is 450 mm open width with 76 mm core ID, 300 mm OD. Pouch length is controlled by electromagnetic clutch brake and a pair of timer belts which is synchronized with PLC and print registration sensor. Unprinted packing material can also be used in this machine. Filling system is designed for free flow or non free flow powder products. For pouch length table draw model is also available.