

TECHNICAL SPECIFICATION

Product to be filled : This model is suitable for packing free flow granular products namely Pulses, Beans, Spices, Granules, Soup mixes, Detergents, Salt, Pharmaceutical and Agricultural Granular Powders, Tea, Coffee, Sugar, Rice, etc.

Machine output : Maximum speed up to 70 packs per minute depending on gravity flow properties of the product and accuracy of filling

Filling Range : Minimum 100 gm to maximum 1000 gm factory set, jumbo model for 1000 gm to 3000 gm is also available

Pouch Range : Pouch Width : Minimum 75 mm to Maximum 200 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 touch screen HMI

Main drive : Vertical as well as horizontal sealers will be pneumatically actuated, Pulling will be with mechanical clutch system, servo models are also available

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

Temperature controller : Omron or Selectron or Delta make PID controller

Photocell control : Omron or datalogic make

Length X width of machine : 750 mm X 690 mm

Height of machine : 2150 mm with hopper

Nett Weight of machine : 780 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 • Vibratory tray feeder

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VFFS WITH CUP FILLER SYSTEM

DESCRIPTION OF OPERATION:

This is a vertical form, fill and seal machine for packing all types of free flow granular 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. Variety of filling systems can be used in this model as suitable to products. Pouch length is controlled by electromagnetic clutch brake and vector driven draw down pair of belts which is synchronized with PLC and print registration sensor. Unprinted packing material can also be used in this machine.

This machine can also be made in table draw design.