



HMPL–TFS Automatic Tube Filling, Sealing and Coding Machine



The Automatic Tube Filling, Sealing and Coding Machine consist of a main structure, tube moving with a tube holding unit, safety acrylic enclosure (OPTIONAL), jacketed hopper with a stirrer (OPTIONAL), filling nozzles, sealing head, coding unit, hot air sealing unit, electrical panel, PLC & HMI (OPTIONAL), mains on/off & motor.

Features

- The machine is manufactured or developed accordance with GMP standards.
- Structure is made of MS clad with SS 304.
- This machine is specially designed to fill, seal and code the Aluminum / LAMI / PVC Tubes.
- It can be used to fill viscous as well as semi viscous materials in Aluminum / LAMI / PVC Tubes.
- Machine preset with 20gms to 100gms Piston & Cylinder.
- All the contact parts are made of SS 316 (GMP Model).
- Tube holders are made of nylon for different diameter of tube.
- Relay electrical control systems operating panel with START, STOP and INCH.
- SENSOR BASE NO TUBE NO FILLS MECHANISM.
- Specially designed hot air sealing unit to seal PVC tubes.
- Motor with variable speed.
- All moving parts are guarded / enclosed.
- Coding Device with 10 letters for one side.
- Hopper temperature thermocouple with digital display.

Technical Data

Model	HMPL-TFS
Tube Diameter	12 mm Ø to 50 mm Ø (Standard)
Tube Length	45 mm to 200 mm
Filling Capacity	10gms to 250gms Aluminum / LAMI / PVC Tubes (With the help of required change parts)
Output Speed	20 to 150 Tubes/Minute (Depending on viscosity of material, loading & fill capacity)
Filling Accuracy	± 1% of Filling Volume
Power Supply	Three Phase / 440 V AC / 50 Hz
Compressed Air	4 to 5 Bar 100 L/Minute (If have sticky material)
Hopper **	500 mm Ø 600 H
Change Parts	a) Tube Holder b) Nozzle c) Auto Loader