



HMPL-TFS-SEMI Semi-Automatic Tube Filling, Sealing and Coding Machine



Semi-automatic tube filling, sealing and coding machine for packaging 10gms to 250gms exclusively designed for laminate, aluminium and PVC Tubes (With the help of required change parts) with up to 25 tubes per minute output speed. This machine is suitable for filling, sealing, crimping, and batch coding with synchronized operations. Harikrushna Machines Pvt. Ltd. (HMPL)'s state-of-the-art Semi-Automatic Tube filling machine is suitable for 12 mm Ø to 50 mm Ø (Standard) tube diameter with 45 mm to 200 mm tube length with up to 25 tubes per minute output speed with the help of required change parts. (Depending on viscosity of material, loading & fill capacity) This machine complies with USFDA and EUGMP standards. Its structure features mild steel (MS) clad with stainless steel (SS) 304. This machine is designed specifically for filling, sealing, and coding Aluminum, LAMI, and PVC tubes and efficiently handles both viscous and semi-viscous materials. During operation, manually place empty tubes into the tube holder. The wheel rotates from left to right, advancing through each stage step by step. First, the filling head dispenses a precise amount of paste or ointment into the tube. Then, the sealing head seals the tube. Finally, it performs the coding process. After coding, an ejector rod lifts the sealed tube from the holder at the next station.

Features

- The Machine is Manufactured or Developed in Accordance with GMP Standards.
- The Frame Structure is Made Of SS Square Pipe with Base Plate Of MS Clad with SS 304.
- Rigid Vibration Free Construction for Trouble Free Performance.
- SS Elegantly Matt Finished Body.
- All The Contact Parts are Made Of SS 316.
- All Moving Parts are Guarded/ Enclosed.
- This Machine is Specially Designed To Fill, Seal and Code The Aluminium/ Plastic Tubes.

- It Can Be Used To Fill Viscous as well as Semi Viscous Materials in Aluminium/ Plastic Tubes.
- Machine Preset with 5 GMS To 30 GMS Piston & Cylinder.
- Rotating Disc with Tube Holders is Made of Nylon for Different Diameters of Tube.
- Support Below The Rotating Disc for Long Life.
- Relay Electrical Control Systems Operating Panel with Start, Stop, and Inch.
- No Tube No Fills Mechanism.
- Tube Orientation with "I" Mark Sensor.
- Machine Equipped with AC Variable Drive for Variable Speed.
- Easy Change Over Time From One Tube To Another Tube.
- 40 Liters Single Wall Made Of SS 316 Hopper.
- Pneumatic Coding Device.
- Auto Ejection System of Filled Tubes.

Technical Data

Tube Diameter	12 MM To 32 MM (standard)
Tube Length	50 MM To 200 MM (standard)
Filling Capacity	20 Grams To 300 Grams Aluminum / LAMI / PVC Tubes (With the help of required change parts)
Filling Accuracy	± 1% of Filling WEIGHT
Output Speed	Up To 25 Tubes/ Minute (Depending on viscosity of material, loading & fill capacity)
Power Consumption	2 HP
Power Supply	Single Phase / 230 V AC / 50 Hz
Compressed Air	6 Kg/cm ² @ 100 LPM
Net Weight Approx.	300 KG
Dimension	Approx. 1000 MM L X 650 MM W X 1250 MM H