

Automatic Shrink Sleeve Applicator Machine with Tunnel



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continues up-gradation Process)

Overview of the Equipments

- Automatic container feeding from Turn Table (Turn Table Optional)
- Easy serviceable
- Less weight and sturdy
- Economically priced
- Acrylic covers only for Operating System.
- Electric Shrink tunnel for shrink sleeving the container

Operation of the Equipments

The containers will be loaded on the conveyor from the Turn Table and it will be feed to the sleeve applicator machine with the help of feed screw device.

As soon as the containers comes, the Product sensor senses it, the stepper motor combination starts operating and after the cutter cuts the sleeve of required length through sleeve pusher unit, and then the containers will be out with the applied sleeves on it.

Further the containers with applied sleeves will pass through the shrink tunnel for shrinking and shrinking will take place according to the shape of the containers.

Technical Specification of the Equipments

- Main Machine Size: 1200mm L X 2000mm W X 2200H

- Weight Approx 700 KG
- Blade Cutting Diameter 100 MM
- Bottle Height 300 MM
- Sleeve Reel Inner Core 6 Inch
- Thickness of Label 40 Micron
- Output Speed From 60 to 100 Products Per Minute
- Voltage 415 V / 3 Phase
- Consumption Power 4 KW
- Application Automatic
- Applicator Frame MS Powder Coated
- Applicator Top Frame S.S 304
- Feeder Assembly MS With ENPN Coat , Aluminium
- Main Assembling Mounting Plate MS ENPN
- Ejector Assembly MS ENPN
- Sleeve Un-Wider / Roll Mounting ASS. Aluminium & MS Powder Coated
- PLC Make Delta - 1 No.
- Cutter Drum - 6 Nos.
- Delta Driver - 2 Nos.
- Product Detect Sensor - 1 No. - Sick Make
- EASYVIEW HMI Delta Make - 1 No.
- Label Sensor Unit - 1 No. - Sick Make
- Mandrel - 4 Nos.
- Single Unwind Unit -1 No.
- Machine Up/Down System Manual
- Servo Motor Panasonic Make - 2 Nos.
- 0.25 HP Blower motor - 2 Nos.
- For heating purpose tubular heater 1.5 KW (Total 6 Heater)
- Total Conveyor Length 12 to 18 Feet Depending up on the Product
- Pucks for Empty Bottles can be Provided in Conveyor (Optional)
- Shrink Tunnel Length 5 to 8 Feet depending up on the product.