HMPL–RBL Automatic Rotary Vial Bottle Sticker Labelling Machine

The Automatic Rotary Vial/Bottle Sticker Labelling Machine consists of the main structure, product transmission belt with an adjustable guide, in-feed screw, rotary star plate, label dispensing unit, label wrapping unit, electrical panel, sensors, motors, AC drive, PLC & HMI.

Features

- The Rotary Vial / Bottle Sticker Labelling machine is manufactured or developed accordance with GMP standards.
- The structure is made SS 304
- All moving parts of the machine covered by safety guards of SS.
- All expose parts of MS are powder coated / electro less nickel plated.
- SS slat conveyor.
- Conveying system to convey the product with easy adjustable side guide.
- Conveying system equipped with imported AC frequency variable drive for variable speed with constant torque.
- Full / Partial labelling is possible.
- In-feed screw for product feeding into rotary star plate.
- Rotary Star Plate base designed for high-speed labelling.
- Machine suitable for round products like Vial / Bottle/ Jar / Tin and Container.
- Specially designed drive mechanism for Label Release.
- Dispensing unit to dispense labels.

- Various label position adjustment with the help of sliding pipe assembly.
- Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3″).
- Break assembly to avoid variation during releasing of roll.
- Most reliable and proven components such as Festo/SMC make pneumatic and electrical/electronic such as Bonfiglioli/Motovario make AC Motor, Delta make AC Drives, Sensors, PLC & HMI (Feather touch Keyboard), MCB & relay “CE” certified.

Technical Data

Product Samples	Round Vials / Bottles
Sample Product Size	10 ml to 1000 ml
Product Size (Ø)	15 mm Ø to 90 mm Ø
Label Size	Up to 95 mm H
Output Speed	Up to 300 Products/Minute (Speed depends on label and products size)
Conveyor Width	100 mm
Working Height	850 +/- 50 mm Adjustable
Power Supply	Three Phase / 440 V AC / 50 Hz
Air Supply	N.A.
Net Weight	450 KG. Approx.
Dimensions	2745 mm (L) x 920 mm (W) x 850 +/- 50 mm (H)