



## ***HMPL–PRE–RBL Automatic Premium Bottle Labeling Machine***



### **Brief on machine**

The machine consists of main structure covered with SS cabinet and safety acrylic doors, belt conveyor, separator unit, dispenser unit, wrapping unit, electrical panel, PLC & HMI, AC drives, rejection system (OPTIONAL) & a printing unit (OPTIONAL).

### **Salient Features of Premium Bottle Labeling Machine**

The unit is made compact & versatile as per GMP norms.	The structure is made of MS clad with SS304.
The contact parts are made of SS304.	Rigid vibration free construction for trouble free performance.
Conveyor made of specialized noiseless Nylo-grip endless rubberized belt for longer life & durability.	Dispenser consists of genuine imported fiber optic based product sensors & label gap sensors.
Consists of specially designed brake assembly to avoid variation during process of labelling.	The wrapping belt is made of specialized nylo – sponge material for longer life.

The machine can be set for 10 different programs as per the product size.	The individual parameter such as p-time, Delay time, p-length & speed can be set on the PLC & the same can be seen in the "Current" program mode.
To have easy understanding of the daily production ratio, production counter is given with the password protection. This will give the clear picture / figure about the batch production.	On the RUN mode screen, speed of label dispensing motor, set speed of machine, actual speed of machine & number of labelled products can be seen.
User friendly since it is easy to operate through PLC.	Very less maintenance required on account of less usage of mechanical components such as gears, chain, sprockets. V-belt, pulleys etc.
Printing facility (Inkjet& Thermal–Non contact type & Hot Foil, Cassette Coder– contact type) can be provided ( <b>OPTIONAL</b> ).	Unique Single Window Rejection system ( <b>OPTIONAL</b> ). The product gets rejected in case when the label is not applied, quality of printing is not accurate; quality of bar code/pharma code is not accurate. The machine stops automatically with alarm alert if 10 products are rejected continuously on account of any of the above reasons. This is also reflected on the HMI touch screen with <b>continuous rejection</b> .
No Product - No Label.	Covered with acrylic doors.
Most reliable and proven mechanical components such as Festo make pneumatics and CE certified electrical / electronic such as Bonfiglioli/Panasonic make AC Motor, AC Drives, PLC & HMI, Sensors, MCBs, relay etc.	

## Technical Specification

Model	HMPL–PRE–RBL
Bottle Size (Ø)	15mm Ø to 90mm Ø
Bottle Range	Vials/Bottles
Label Size	Min: 15 mm (H) x 35 mm (L), Max: 90mm (H) x 150 mm (L)
Output Speed	Min: 15 mm (H) x 35 mm (L), Max: 90mm (H) x 150 mm (L)
Working Height	850 mm ± 50 mm Adjustable
Power Consumption	2.5 KVA
Power Supply	3 Phase + Neutral + Earthing/ 440V AC/ 50Hz
Air Supply	4 to 6 Kg/cm <sup>2</sup> ( <b>If use Contact type Coder</b> )
Net Weight	350kgs Approx.
Dimensions	2100mm (L)x 1100mm (W)x 1800mm(H) Approx.