



## *HMPL-SSVL Automatic Sticker Labeling Machine for Round Bottles*



### **Brief On Machine**

The Automatic Sticker Labeling System consists of main structure, covered with SS cabinet and safety acrylic doors (OPTIONAL), product transmission belt with adjustable guide, separator unit, label dispenser unit, label wrapping unit, electrical panel, PLC & HMI, AC drives & a batch printing unit(OPTIONAL). The complete operation is PLC based.

### **Features of Single Side Vertical Labeling Machine for Round Shaped Products**

The unit is made compact & Versatile as per GMP Norms	Structure made of MS cladding with SS 304
All moving parts of the machine covered by safety guards of SS	All expose parts of MS are powder coated / hard chrome plated
5 feet long Rubberized Endless Conveyor Belt	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	Unique motorized separator to ensure uniform distance between two products
Unique machine for all round bottles label application without change parts	Full / Partial labeling is possible

Machine Suitable for Round Product like Vial/ Bottle/ Jar/ Tin / Can and Container	Specially designed drive mechanism for Label Release
Dispensing Unit to dispense labels	Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3")
Break assembly to avoid variation during releasing of roll	Various label position adjustment with the help of sliding pipe assembly
Specially designed wrapping unit to wrap label on product	The Wrapping belt is made of specialized nylon sponge material for longer life
No Product No Labeling	Fibre Optic based Product sensor to sense the product (Sensor Make: LEUZE-/BANNER/SUNX)
Fibre Optic based Label Gap sensor to sense the gap between two labels (Sensor Make: LEUZE/BANNER/SUNX)	Most reliable and proven components such as Festo/SMC make pneumatic and electrical/electronic such as Panasonic/Bonfiglioli/Motovario make AC motor, Delta /Allen Bradley make AC Drives, PLC & HMI, MCB & relay "X" make

### Technical Specification

Model	HMPL-SSVL
Bottle size (Ø)	15mm Ø to 90mm Ø
Bottle Range	Round Products
Output speed	120 to 150 Products/Minute
	<b>(Speed depends on label and products size)</b>
Label size	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	SinglePhase + Neutral + Earthing/ 230 V AC/ 50Hz
Air Supply	4 to 6 kg/cm <sup>2</sup> (If use <b>Contact type Batch Printer</b> )
Net Weight	350 Kg Approx.
Dimensions	1525 mm (L)x 950 mm (W)x 1800mm(H) Approx.