



## ***HMPL–DSVL Automatic Double Side Sticker Labeling Machine***



### **Brief On Machine**

The Automatic Double Side Sticker Labeling System consists of main structure, product in-feed screw, product transmission belt with guide adjustment, top product holding conveyor with height adjustment, 2 nos. of label dispensing unit, label pasting unit, motor, sensors, AC drives, motors, electrical panel, mains on/off, emergency switch, PLC & HMI.

### **Salient Features of Double Side Vertical Labeling Machine**

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
Delrin slate 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	Unique in-feed screw to ensure uniform distance between two products
Top Conveyor to holding product at the time of labeling	Machine suitable for product like Round / Rectangular / Flat / Oval /Square

Imported AC frequency variable drive for variable speed with constant torque	Specially designed drive mechanism for Label Release
Dispensing Unit to dispense labels	Various label position adjustment with the help of sliding pipe assembly
Label affixing on the product with the help of nylon brush and sponge roller	No Bottle No Labeling
All moving parts of the machine covered by safety guards of SS	Fiber Optic based Product sensor to sense the product (Sensor Make: LEUZE/BANNER/SUNX)
Fiber Optic based Label Gap sensor to sense the gap between two labels (Sensor Make: LEUZE/BANNER/SUNX)	Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3")
Label release mechanism	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 Panasonic/Bonfiglioli/Motovario make AC motor, Delta /Allen Bradley make AC Drives, Delta/Allen Bradley make PLC & HMI (Feather touch key), MCB & relay "X" make	

### Technical Specification

Model	HMPL-DSVL
Product Samples	Oval /Flat/Square/Round Products
Output speed	Up to 120 Products/Minute
	<b>(Speed depends on label and products size)</b>
Label size	As per your Samples <b>(Specify size by customer)</b>
Working Height	850 mm ± 50 mm Adjustable
Power Supply	Three Phase / 415 V AC / 50Hz
Air Supply	N.A.
Net Weight	450 Kg Approx.
Dimensions	2745 mm(L) x 1400 mm(W) x 1800 mm (H) Aprox.