



HMPL–BSHL Automatic Horizontal Sticker Labeling Machine



Brief On Machine

The Automatic Horizontal Sticker Labeling System consists of main structure, product transmission belt with guide adjustment, label dispensing unit, label pasting by nylon brush & sponge roller, motors, sensors, electrical panel, PLC & HMI, AC drives & mains ON/OFF.

Salient Features of Single Side High Speed Horizontal 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.
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.	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.
Label affix with nylon brush or sponge roller.	No Product No Labeling.
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).
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 (Feather touch Keyboard), MCB & relay "X" make.	

Technical Specification

Model	HMPL–BSHL
Product Samples	Cartons/Pouches/Bottles etc.
Label Size	Min: 15mm Width
	Max: 90 mm Width
Output Speed	Up to 250 Labels/Minute (Speed depends on label and products size)
Working Height	850+50mm Adjustable
Power Supply	Single Phase / 110 Volts AC / 60Hz
Air Supply	2 to 4 Kg/Cm2 (In case of Contact Printer)
Net Weight	250 kgs Approx.
Dimensions	2745 mm(L) x 490 mm(W) x 850 + 50 mm (H)