



HMPL–TSL Top and Side Sticker Labeling Machine



Brief On Machine

The Automatic Sticker Labeling System consists of main structure, product transmission belt with guide adjustment, 2 nos. of label dispensing unit, label pasting nylon brush & sponge roller, motors, sensors, electrical panel, PLC & HMI, AC drives & a batch printing unit(OPTIONAL).

Salient Features of Top and Side Sticker Labeling Machine

The unit is made compact & Versatile as per GMP Norms	Structure made of MS caddied 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
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-TSL
Product Samples	Lids & Round Plastic Cups
Output speed	Up to 120Products/Minute (Speed depends on label and products size)
Label size	Min: 15mm x 35mm Max: 148mm x 280mm
Working Height	850 mm ± 50 mm Adjustable
Power Supply	Single Phase / 230V AC / 50Hz
Air Supply	2 to 4 Kg/cm ² (Incase ofContact Printer)
Net Weight	250 Kg Approx.
Dimensions	2745 mm(L) x 490 mm(W) x 850 + 50 mm (H)