

HE-FBSL Front and Back Side Sticker Labelling Machine



Heli Engineers is a leading manufacturer and supplier of advanced Front and Back Side Sticker Labelling Machines designed for precise and high-speed labeling on flat, oval, square, and rectangular bottles.

These machines are widely used as Automatic Dual Side Labeling Machines, Front Back Sticker Labeling Machines, and Bottle Sticker Labeling Machines in pharmaceutical, cosmetic, food, beverage, lubricant oil, pesticide, chemical, and packaging industries.

The machine is manufactured using premium-quality stainless steel construction and advanced automation technology to ensure smooth operation, accurate label placement, and long service life.

The machine is equipped with PLC controls, touch screen HMI, servo-based label dispensing systems, and synchronized conveyor mechanisms for reliable and continuous production.

Salient Features

- Suitable for front and back side labeling applications
- Ideal for flat, oval, square, and rectangular bottles
- High-speed and accurate labeling system
- Bubble-free and wrinkle-free label application
- Machine construction in stainless steel
- PLC controlled operation with touch screen HMI
- Servo / stepper motor based label dispensing system
- Automatic bottle synchronization system
- No Bottle & No Label system

- Adjustable conveyor speed control
- Easy and quick changeover for different bottle sizes
- High labeling accuracy with minimum label wastage
- Built-in A.C. Variable Frequency Drive system
- Smooth and continuous bottle movement
- User-friendly operation and low maintenance
- Optional online batch coding and printing system
- Suitable for pharmaceutical, cosmetic, food, chemical, and beverage industries

Applications

Suitable for pharmaceutical bottles, cosmetic bottles, chemical bottles, lubricant oil bottles, food containers, beverage bottles, pesticide bottles, PET bottles, jars and industrial packaging labeling applications.

Technical Specifications

Model	HE-FBSL
Bottle Type	Flat / Oval / Square / Rectangular Bottle
Bottle Height	50 mm to 300 mm
Bottle Width	20 mm to 120 mm
Label Height	10 mm to 180 mm
Label Length	20 mm to 300 mm
Production Speed	Up to 120 Bottles Per Minute
Label Accuracy	B $\pm$ 2 mm
Electrical Supply	230 / 440 Volts, 50 Hz
Power Consumption	2 H.P. Approx
Machine Construction	Stainless Steel
Drive System	Servo / Stepper Motor Based
Control System	PLC with Touch Screen HMI
Conveyor Height	750 mm (B $\pm$ 50mm)
Direction of Movement	Left to Right
Net Weight	Approx. 500 Kg
Optional Features	Batch Coding, Online Printing, Turn Table