

Front, Back, Top, Bottom Sticker Labeling Machine



We provide linear sticker labelling machine which can be supplied with multiple label dispensing unit to apply back, front, bottom, top and angular labels on rectangular, square or any special shaped container or jars. The built-in Advanced Micro Processor Control Label Dispensing system and operator friendly sensing system are very much useful for labelling and product packaging. This machine has its unique single point synchronized speed control system. It has labeling speed of up to 60 units per minute depending on label size and product size. Manual feeding, label length data storage in memory can be eliminated with the system built auto label length detection system. This also retrieves the same while changing label size and restarting of the machine. It saves valuable time and helps to achieve higher production.

Unique Features:

- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line Inkjet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finishes Machine

Optional Features:

- Label Roll Empty – Machine Stop System with Alarm
- Missing Label in Roll – Machine Stop System with Alarm
- Special Label Sensor for sensing Transparent Film Labels which does not have any sensing mark on it.
- Option of Contact Coder, Hot Foil Coder, HP Cartridge Coder and Inkjet Coder with various speed ranges available.
- Toughened Glass or Acrylic Safety Cabinet for Machine Tower Light showing the machine status / operation
- Colour or Mono Touch Screen with PLC for machine operation and showing various error messages and information on display
- Special Sensing system for checking missing label on product
- Low Compressed Air – Machine Stop with Alarm system for pneumatically operated coding system
- Vision System for checking Barcode, presence or absence of Coding or Pharma code on labels
- Vision System with OCR system for checking coding on labels
- Online pneumatically operated product rejection system

Specification

LABELLING ACCURACY	±1MM
PLC	Programmable Logic Controller Unit – DELTA Make
Touch Screen	Delta Make Touch screen
Stepper Motor	Sanyo denki stepper motor – Japan make
Servo Motor	Panasonic / Delta Make
Microprocessor	Microprocessor controller by Bhagwati make
Sensors (Product / Label)	Leuze – USA or Sick Germany make
AC Drive (Variable Speed)	Delta Make
All Electrical / Electronic cables	Labb – Germany make
Pneumatic cylinders	SMC / Festo make
Label Height	8 mm to 70/90/120/150 mm Standard*
Label Length	12 mm Minimum
Label Roll Dia.	300/400 mm
Core Dia.	75/76 mm
Gap Between two Labels	Appx. 3 mm
Product Size	As per customers requirement* We require actual product samples
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	5 Amps.
Capacity	2.0 Kw
Speed	Up to 60 Labels per minute depending on Product and Label Size
Conveyor height	830-875 mm*
Machine Direction of Movement	Left to Right from operator side