

## *FTM-80 Vertical Round Bottle Labeling Machine*



### **BASIC USING:**

For the pharmaceutical, food, cosmetic and other industries round bottle labeling, can be affixed to the week and semicircular labeling labeling. Optional automatic turntable Unscrambler can be directly connected to the front end production line, automatic feeding bottle into the labeling machine, increasing efficiency. Optional configurations ribbon coding labeling machines, online print production date and batch number, reduce bottle packaging processes, improve production efficiency.

### **APPLICATION:**

For label: self-adhesive labels, self-adhesive film, electronic supervision code, bar code, etc.

Application: require circumferential surface of the membrane attached label or product.

Industry: Widely used in food, medicine, cosmetics, cosmetic, electronic, metal, plastics and other industries.

Application: PET round bottle labeling, labeling plastic bottles, canned food and so on.

### **WORKING PROCESS:**

Core works: the product of bottle body separated, the sensor detects the product passes the signal returned to the labeling control system, the control system in place to control the motor sends label affixed to the product subject to labeling and position, product flow the standard unit cover, covered with standard rotation driven products, the label is roll coating, a label attached to the action is completed. \* Procedure: put the product (which can be accessed line) -> product transfer (device automatically) -> Products minutes away -> Product Testing -> Labeling -> cover marked -> collect the labeling products.

## FEATURES

- Wide range of applications, which can meet the entire circumference of round bottle labeling or semi-circle label, bottle label switching between simple and easy to adjust;
- Labels coincide high standard with bypass adopt corrective institutions, marked with no easy road, labeling parts of the x/y/z direction and the inclination of eight three degrees of freedom is adjustable, adjust no dead ends, labels coincide with high ;
- Labeling quality, using standard belt cover sexual repression, labeling smooth, wrinkle, improve the quality of packaging;
- Flexible, stand-labeling bottles, bottles with automatic function, stand-alone production, can also be connected to production line;
- Intelligent control, automatic photoelectric tracking, with no object no labeling, no label auto-correction and auto-detection function labels, stickers and labels to prevent leakage of waste;
- High stability, Delta PLC + touch screen + Japan Keyence Electric label sensor composed of advanced electronic control systems, support equipment 7 × 24-hour operation;
- Adjustment is simple, labeling speed, transmission speed, divided bottle can realize stepless speed, adjust as needed;
- Rugged, using three adjustment mechanism, take advantage of the stability triangle, the whole solid and durable. Stainless steel and high-alloy steel, meet GMP production requiremen

### Optional features:

- ① Hot coding / marking function;
- ② Automatic feeding function (combination of product considered);
- ③ Automatic rewinding function (combination of product considered);
- ④ Increased labeling devices;
- ⑤ Circumference circumferential positioning labeling function;
- ⑥ Other features (according to customer requirements).

## PARAMETER DATA

Suitable label length (mm):	20mm ~ 314mm
Applicable Label width (backing paper width / mm):	15mm ~ 150mm
Applicable Products diameter (for round bottle) and height:	diameter: $\phi 25\text{mm}$ ~ $\phi 100\text{mm}$ , Height: 25mm ~ 230mm
Applicable standard roll diameter (mm):	$\phi 280\text{mm}$
Applicable standard roll diameter (mm):	$\phi 76\text{mm}$
Labeling accuracy (mm):	$\pm 1\text{mm}$
The standard speed (m / min):	Servo: 5 ~ 25m/min, Stepping: 5 ~ 19m/min
Labeling speed (pcs / min):	Stepping: 30 ~ 80pcs/min (with the bottle and label size) , Servo: 40 ~ 120pcs/min
Conveyor speed (m / min):	5 ~ 25m/min
Weight (kg):	about 185kg
Frequency (HZ)	50HZ
Voltage (V):	220V
Power (W):	530W (traction stepper) , 980W (traction servo)
Device dimensions (mm) (L × W × H):	1950mm × 1100mm × 1300mm