

TB-120 Type Adhesive Labeling Machine (Horizontal)



Basic use:

- ◆ Use: implementation of automatically attaching stickers and stickers film on the circular face and small cone surface of products,
- ◆ Function: high adhesion efficiency of product labeling and filming, good location accuracy, good quality, high stability; avoiding a series of questions, such as low efficiency of manual labeling and pad pasting, skew attachment, foaming, folds, irregular attachment location and so on; effectively reducing product cost, improving product identification aesthetics, increasing product competitiveness.

Application scope:

- ◆ Applicable Tags: stickers, sticker film, electronic monitoring code, bar code, etc.;
- ◆ Application product: small products required to attach a small tag or film to circumference surface or small conical surface.
- ◆ Application industry: widely used in cosmetics, electronics, medicine, metals, plastics, cosmetics and other industries;
- ◆ Application example: Solid plastic bottle labeling, Ampoule labeling, paper round bottles, schering bottle labeling, pen labeling etc.

Product advantages:

- ◆ Horizontal labeling approach, comprehensive implementation of a circle and a half circle labeling to the round bottle, small bottle;
- ◆ Labeling efficiency up to 400 bottles / minute, savings a lot in manpower and resources;
- ◆ Labeling speed, conveyor speed, sub-bottle speed can realize steeples speed governing. It is convenient for production personnel to adjust according to their need;
- ◆ Sub-round production is used to achieve automatic bottle distribution safe and effective; to switch the production of different diameter bottles, we simply need to replace the sub-round production
- ◆ high Labeling positioning accuracy, good stability, smooth labeling, not wrinkled, no bubbles;

- ◆ Structural combination of mechanical adjustment and the clever design of winding labels make it easy to adjust the flexibility of labeling position (can be fully fixed after adjusted). Thus the conversion between different products and labeling of winding become simple and time-saving;
- ◆ It has functions of anything labeling, automatic calibration if there is no label and automatic detection. It effectively prevents the winding label from missing labeling;
- ◆ the main material of the equipment are stainless steel and advanced aluminum alloy. The whole structure is solid, beautiful.

- ◆ Standard PLC + touch screen + Stepper Motor + standard sensor electronic control system to control, high safety factor, entire Chinese notes used in man-machine interface, perfect failure prompt function, operation guidance; easy to use, easy to maintain.
- ◆ complete information about the equipment (including the device structure, principle, operation, maintenance, repairs, upgrades and other descriptive information) provides adequate protection to the normal operation of equipment;
- ◆ A fault alarm function, production counting function, power saving function (set time no production, equipment automatically turn to power saving standby state), the production prompt set functions, parameter protection set function (parameter can set for rights Management)
- ◆ Optional functions: ① hot coding / spraying coding function ② automatically receiving material (considered by different products) ③ increasing labeling head ④ circumference circumferential positioning labeling function ⑤ other functions (according to customers' request).

Work process:

- ◆ Core working principles: separate the product by sub-bottles and put it on the conveyor belt, then the sensor detects product passing and return the signal to the label control system. After that the products are sent to labeling position to be posted. Cover drives products marked with rotation. The label is rolling cover. Finally, the whole labeling movements are finished;
- ◆ Operation process: put products (in blanking box) -> separate products and put them on the conveyor belt (device can achieve automatically) -> deliver products (equipment can achieve automatically) -> labeling (automatically) -> covering labels (automatically) -> collect the labeling products

Technical parameters:

- ◆ Labeling accuracy: ± 1 mm (not including product and label error)
- ◆ Labeling speed: 20 ~ 120 bottle/minute (related with product size)
- ◆ Application Size: $\varphi 50$ mm \leq product diameter $\leq \varphi 80$ mm
- ◆ Suitable label size: $10 \leq$ width ≤ 150 mm $20 \leq$ length ≤ 75 mm
- ◆ Suitable power supply: 220 V 50/60 Hz
- ◆ Dimension: 1500 × 600 × 900 mm
- ◆ Weight: 150 Kg