



Sticker Label Applicator Machine Around Square Bottle



At the beginning of the working process, the bottles are fed to the labeling machine at a constant speed on the conveyor belt. The mechanical fixing device separates the bottles by a fixed distance, and pushes the bottles along the conveyor belt. The mechanical system of the labeling machine includes a driving wheel, a labeling wheel, and a reel.

The driving wheel drags the label tape intermittently, the label tape is pulled out from the reel, and the labeling wheel will press the label tape on the bottle after passing through the labeling wheel. An open-loop displacement control is used on the reel to maintain the tension of the label tape. Because the labels are closely connected to each other on the label tape, the label tape must constantly start and stop.

The label is attached to the bottle when the labeling wheel moves at the same speed as the bottle. When the conveyor belt reaches a certain position, the label belt drive wheel will accelerate to a speed matching the conveyor belt, and after the label is applied, it will decelerate to a stop.

Fully automatic self-adhesive vertical round bottle labeling machine, widely used in various specifications of circumferential surface labeling, taper round bottle labeling, also would add two side or surface labeling head, for two side labeling use, wise use in industrial : such as cosmetics, food, medicine, daily chemicals, toys, hardware, plastics and other industries. For example, beverage bottles, wine bottles, sauce bottles, oil bottles, can achieve full-circumference/half-week labeling, double-label labeling on the front and back of the circumference, and the spacing of the front labels can be adjusted freely.

Technical Parameters:

- Label specifications: length 15mm~290mm; width 15mm~150mm
- Product specifications: Φ 25mm~90mm;
- Product height: 25~300mm
- Marked outer diameter: Φ 280mm;
- Marking inner diameter: Φ 76mm
- Labeling speed: 10~100 bottles/min
- Labeling accuracy: \pm 1mm
- Air pressure: 0.6~0.8Mpa
- Power: 850w (step), 1150w (servo)
- Voltage: 220V 50Hz