

Automatic Rotary OPP Hot Melt Labeling Machine YYHML-2024R



The hot melt adhesive OPP labeling machine for rotary, run continuously stick mark new labeling machine; The equipment can automatically adjust the container into and out of the transmission; By the conveyor belt of container is bottle screw, according to the spacing distance apart of the star wheel, and then import the star wheel to deliver container to the container on the turntable, and containers by pressure bottle mould seat to fasten on the container, the container start according to certain speed rotation; Rotates in the process of mechanical product reserve; And according to the mechanism path to locate labeling

When the container arrived at magic eye detection, computer mainframe control tags to send to send the standard system, when the completion of a send the action, high-speed label cutting knife to cut off; With sanyo small inertia high speed servo motor, guarantee the accuracy and stability of the high speed to send label and cutting mark

Cut off the tags to the glue system; In this part, the system of two parts, tag fore and aft edge glue, the glue way makes the lowest consumption of hot melt adhesive

Have glue label when transferred to the label position, labels can accurately and effectively to the container. Because in the process of transfer of a label, container under rotational state, therefore, the label can smoothly, the stick closely to the container. In sizing tail strip can form a good label lap joint sealing, completed a labeling process

Whole process:

into>>due>>cut>>glue>>labeling>>taking>>compaction>>complete

Technical Specification:

- Power supply: 3-phase 380V 50Hz 8000W
- Length of labeling machine: 4200 mm (Length of conveyor belt: 4200mm; can be adjust by actual size according to client's production line)
- Width of labeling machine: 2500mm
- Speed of conveyor belt: 50 m/ min (can be adjust by actual production's condition)
- Method of speed adjustment: Uninterrupted-adjust rate
- Max. speed of label feeding: 90 meters labels /min
- Max. speed of labeling: 24000 bottles/hour for round bottle (can be adjust by actual production's condition)
- Label feeding precise: ± 1 mm
- Labeling precise: ± 1 mm
- Bottle size: Round bottle
- Max. Width of label: 140mm(standard width, can add width according to actual products' size)
- Max. length of label: 500mm
- Max. external diameter of label roll: 600mm
- Paper core diameter: 152mm
- Labeling glue: hot melt glue, to paste label at two ends only. For Glue nozzle Nordson-England/Robatech-Italy, brand is preferred along with glue scrapper.
- Glue coating temperature: 120~160°C (Glue model: Germany Henkel 362)
- Label type: OPP Thin film label, paper-plastic complex film label, paper label
- Labeling station: JND-2024R 20 stations around the circle.
- The quantity of labeling moulds: Standardized configuration is 1 set (Subject to 1 type of bottle specification, include inlet screw stem, inlet star wheel, outlet star wheel, bracket etc.)
- Type of labeling product::750ML PET Round bottle.
- Weight: about 3000 Kg