

## *JBC-8R Automatic Rotary Capping Machine*



This machine combines bottle-in, cap-sorter, cap-elevator, capping and bottle-out altogether in one. The rotary structure, catching the lid in the certain position, stable and reliable. It does no harm to bottle and lid. High capping efficiency, high qualified rate of capping, and wide application which enjoys good competitiveness that can be compared with foreign products. It is applicable to varies size of glass and plastic bottles and caps. Its operation principle is by means of the scratching plate to cap the the lid when the bottle rotaryed. The whole machine is controlled by the PLC, touch screen interface and convenient operation.

### **Features**

1. The rotary structure, using dedicated cap-catcher to grab lid, stable and reliable. Cap-catcher is designed inside a wear-resistant rubber, can effectively eliminate the injury lid in the capping process.
2. A inspecting sensor is installed on the bottle-dividing part. This can realize no bottle, no cap. The machine will automatically stop if the bottles are stuck. This protection structure is owned by our company.
3. A clutch structure is installed in the transmission part. It will alarm if there is stuck in the star wheel part.
4. Patented transmission technology adopted, ensuring the stability and reliability of the equipment.
5. The design of swirl reducing knife, tightening and swirl reducing pad under the bottle design can be applicable to the swirl reducing of all kinds of glass and plastic caps.
6. A sensor in the bottle-out side can check the capping result of the bottles, the qualified bottles can go through, and the unqualified bottles will be kicked out to another conveyor. The machine will stop automatically if there is stuck at the bottle-out side.

7. Auto-kicking out device installed on the conveying belt can remove the back side lid, non-aluminum lid. So the qualified rate are ensured. Meanwhile, photo electricity sensor added to the belt will alarm automatically when the lid-tank is full.
8. The elevating structure is electricity driven. Only one button in the touch screen can adjust the height. Fast changing mode with star wheel design, plus with the diamention marks makes changing different type of bottles easier.
9. With the feeder, make sure all upset caps drop to the bucket. No nude orbit adopted solving the lid-stuck problem efficiently.

### **Technology Parameter:**

- Applicable bottle : $\Phi$ 40—100mm, Height 80—250mm
- Cap Specification :  $\Phi$ 15-50mm Cap height: 15-35mm
- Capping Head : 6/8
- Capacity :  $\leq$ 6500 bottles/hour
- Capping qualified rate :  $\geq$ 99.8%
- Air Pressure : 0.6~0.8MPA
- Power Source : ~380V、50HZ
- Power : 4.5KW
- External Dimension : 3000 $\times$ 1360 $\times$ 2100(L $\times$ W $\times$ H)mm
- Weight : about 1600Kg