

CP7000 Automatic Press Capping Machine (for Press-on caps)



CP7000 is designed for press-on caps with cap plug or stopper, providing safety sealing. The capping machine can firmly seal the cap to the bottle, preventing leakage, contamination and maintaining product freshness. CP7000 is suitable for various types and sizes of bottles and caps through the design and capacity of the machine. It helps to improve the efficiency and speed of the packaging process, reduces the need of physical strength, and ensures that the caps are sealed consistently and reliably.

Features

1. Adjustable Capping Torque:

The capping head is equipped with an independent regulator that individually adjusts the downward pressure to ensure bottle sealed.

2. Providing reliable capping process for press-on caps to ensure sealing and prevent product spoilage.

3. PLC & HMI: Visualization operation interface; easy to get started with.

4. You can enter the parameters directly on the touchscreen.

5. The capper is equipped with E.M. Stop button, press to stop the machine immediately.

6. With the replacement of a few components, conversion to different specifications in the production line can be easily accomplished.

7. Adjust the height of capping and cap placement in coordination with the bottle height, utilizing a hand wheel with a position indicator to adjust the mechanism. The height can be saved as position parameters in the HMI (Human-Machine Interface). It's convenient for future use.

8. Made of high-grade SUS304 corrosion-resistant stainless steel and aluminum alloy; firm and durable.

9. Integrate the cap feeder with the capper for automation, thereby reducing the workforce required in the production line.
10. Safety door protection: automatically halts operation to prevent harm to personnel and equipment when the door is opened.
11. It's equipped with stack light, making visualization management convenient.
12. The cap unscrambler can be customized according to the caps and production needs, providing the best configuration.
13. The capping head is made of special buffering material, won't damage caps.
14. The cap feeding system reduces labor needs, enhancing production efficiency and quality.
15. The human-machine interface can memorize 50 sets of parameters.
16. Target output function: Calculates the current output in time, and automatically stop the machine when the target is reached.
17. Star wheel convey system, with multiple mechanisms operate synchronously, improving capping efficiency.
18. The height and width of conveyor guide rails are adjustable depending on the product.
19. Based on infeed/outfeed detection system of sensor, ensuring smooth transportation without bottle jam.
20. When the rear conveyor is filled with bottles, the machine will pause as a buffer. Production resumes automatically after bottles are discharged.
21. Integrated alarm system: If encountered errors, the interface will display instructions to clear errors.
22. Customized functions can be added based on requirements.
23. Our capping machine is able to apply various plugs of plastic bottles as well.
24. Cap sealing detection and rejection system can automatically rejecting any substandard products.

Specification

- Automation Level : Automatic
- Capping Method : Pneumatic Capping
- Capacity : 15 ~ 45 pcs/min (Actual speed varies with configuration)
- Cap Type :
- Various press-on caps :
- Leak-proof caps, Pilfer-proof caps, Flip-top caps, Caps with inner plug
- Cap Outer Diameter : Provide Customization
- Bottle Height : Provide Customization
- Required Air Pressure : 2~5kg
- Power Requirements : 110 or 220VAC, 50/60Hz, single phase
- (Provide electrical & pneumatic configurations that meet overseas standards)
- Machine Size : (L)1200mm (W)3000mm (H)2300mm