

CCS3000 High-speed Spindle Capping Machine



The High-speed Spindle capping machine CCS3000 is a high speed capping machine, and can be used for any kind of caps, such as screw caps, plastic round bottle caps, spray bottle caps, pump caps, metal caps, flip-top caps and more. The universal grippers are able to handle any of these caps with the proper torque and stable capping force, while the capping time and height are adjustable to optimize capping. Capping speed can reach up to 100 bottles per minute.

Features

1. Can be used for: general plastic caps, PET caps, downward pressing caps, safe pump heads, duckbill caps, and screw caps
2. Rubber capping wheels protect caps and ensure firm gripping
3. Precise high torque design for high capping quality with proper tightness to prevent over-capping
4. Driven by adjustable AC motor
5. Linear capping process, perfect for linking up with other machines
6. Easy to use; long-lasting with proper maintenance
7. Customizable conveyor width
8. Multiple adjustment modules, with both manual and automatic adjustments for capping height
9. Control panel includes production parameters, which can be saved and used as needed to save line changing time
10. Safety devices to prevent improper operating and protect workers
11. Made of SUS#304 stainless steel and aluminum for easy maintenance and cleaning
12. Programmed with PLC
13. User-friendly HMI color touchscreen, with simple maintenance instructions
14. Capping output counter to track production levels
15. Emergency stop button
16. Three-color warning light

17. IP65 machine shell which offer complete protection against particles, and a good level of protection against water.
18. Can be moved as needed, mobile and ready to work anywhere
19. Bottle jam detection sensor and alarm, with automatic machine stopping
20. Can be used for a full line (bottle washing→filling→capping→labeling)

Specification

- Applicable cap type: Screw caps / Pump / Spray / Mushroom-Shaped Cap
- Capping Speed: 50~100 BPM
- Applicable cap diameter: 20-55mm
- Bottle type: Round bottle, Square bottle
- Bottle applicable: Bottle height: 50 ~ 150 mm / Bottle diameter : 30 ~ 100 mm
- Capping speed: 50~100 bottles / min
- Power supply: 110 or 220VAC, 50/60Hz , single phase
- Air Requirement: 2~6 kg/cm²
- Machine Dimensions: (L) 4200mm (W) 900mm (H) 1450mm