



Automatic ROPP Capping Machine



The automatic aluminum ROPP capping machine uses the automatic aluminum cap feeding and capping machine for the high-speed production line. It adopts the servo motor driven aluminum cap feeding and capping machine to sort, feed and locate caps with stable torque by one machine. It simplifies the arrangement of the production site. Rotary disks introduce bottles to the aluminum capping machine before locating and capping.

The aluminum ROPP capping applicators' torque can be set up on demand and it does not overtighten. The parameter automated settings allow to enter torque values without manual adjustments. It fits for screw caps and aluminum caps and can work for glass and metal bottles without being restricted by materials. The sizes of the aluminum cap are numerous for choices. The advanced pre-check system actively detects and removes screw threads mismatching to make sure the capping operation is perfect. Automatic aluminum cap feeding and ROPP capping machines fit in the industry of beverage, pharmacy, chemical engineering, cosmetics and household supply to produce with aluminum capping and packaging. It has an accurate linear cutting cap screw system, combined with capping and labeling machines, to precisely cap the products as a middle and big size high efficient fast filling and capping production line.

Features:

1. The automatic capping machine is designed for closing various types of containers (made of plastic, glass and metal) with aluminum caps. The machine is especially suitable for use in the food-processing, cosmetic and chemical industries.
2. The machine can be equipped with different types of cap unscrambler (vibrating, rotary, belt type) depending on the type and size of the cap. For feeding the caps into the cap unscrambler the caps hopper is available.
3. For placing difficult caps onto the container neck the "Pick and Place" system can be used.
4. Working Function: The containers are transferred to the star wheel by means of the conveyor. The star wheel (indexing type for one-head capper or continuous motion for multiple-head capper) takes the containers and carries them to the caps placing station and then to the closing head. The

closing head tightens the cap with the necessary torque (if the head is of the pressure type, it will press the cap on the bottle neck by means of a spring unit). The torque can be set on the closing head by means of magnetic clutch. After completion of the closing process, the star wheel moves the container to next station for press the black small cap, after that the star wheel moves the container to the finish products conveyor.

Technical Parametrs:

Production capacity	2000 bph	5000 bph	7000-8000 bph
Diameter of bottle	φ50-φ100	φ50-φ100	φ50-φ100
Height of bottle	150-320 mm	150-320 mm	150-320 mm
Power	0.75KW	1.2KW	2KW
Overall dimensions	900*700*1800 mm	1200*1000*1800 mm	1500*1200*1900 mm
Weight	350 Kg	500 Kg	750Kg