



XGZG-1 Fully Automatic Manipulator Grips the Capping Machine of the Cap



The XGZG-1 Fully Automatic Manipulator Capper is an innovative, patented product developed by our company, specifically engineered to automate the challenging process of securing pump caps that include a dip tube or straw. This sophisticated system achieves a high degree of automation comparable to similar foreign products, integrating crucial steps like bottle entry, cap sorting, automatic cap orientation, cap feeding, precision screwing, and bottle discharge into one seamless process.

The core patented technology lies in how the XGZG-1 Fully Automatic Manipulator Grips the Capping Machine of the Cap: a specialized robot arm is uniquely designed to grab the cap, insert the straw precisely into the bottle, and then complete the capping process. The XGZG-1 Fully Automatic Manipulator Capper is particularly suited for specialty closures like pump caps, duckbill caps, and trigger sprayers (especially those with straws). It operates with stability, low noise, and features infinitely variable speed control, making it an ideal choice for integration into various medium-to-large packaging lines.

Technical Parameters

Model	XGZG-1
Production Capacity	12-15 bottles/min
Capping Heads	1 head
Power Supply	220V 50Hz
Power	1.5KW
Bottle Diameter	40-100mm
Bottle Cap Diameter	20-50mm
Bottle Height	80-280mm
Overall Dimensions (LxWxH)	2000 x 1300 x 1800mm