

NP-TC Automatic Tracking Capping Machine



The Automatic Tracking Capping Machine represents a technological breakthrough for the packaging industry, perfectly complementing the automatic tracking filling machine to create a comprehensive packaging line solution. Featuring an advanced motion controller, all of its operations are powered by servo motors, making it a near-fully intelligent piece of equipment. This innovation ensures unparalleled precision and efficiency, marking a significant step forward in automated packaging processes

Feature

- The integration of a servo system with a torque module for controlling the capping head allows for the precise setting of cap tightness, offering customizable capping solutions.
- Constructed entirely from 304 stainless steel, ensuring durability, hygiene, and resistance to corrosion, making it ideal for extensive industrial use.
- The cap feeding system can be customized to accommodate different cap types, utilizing either a Cap elevator or a vibrator, enhancing its versatility in handling various cap styles.
- Adjustments for different sizes of bottles and caps can be made quickly and easily without the need for changing parts, with the exception of the capping head, streamlining the changeover process.
- The innovative design ensures that liquids remain in the bottle without spillage, as bottles do not need to stop for capping. The capping heads move in synchronization with the bottles, providing a seamless capping process.
- Designed for wide application, the machine allows for fast and easy switching between different caps and bottles, highlighting its flexibility and efficiency in diverse packaging environments.
- Features a high success rate in cap loading with its pick and place capping mechanism, ensuring reliable and consistent capping operations.

- Ensures perfect capping without damaging the bottle or cap, maintaining the integrity of both the product and its packaging, thus ensuring a high-quality presentation and product safety.

Technical Parameters

Model	NP-TC Series
Speed	40 pcs/min base on one heads, 80pcs base on two heads
Cap Type	Screw cap, snap caps
Bottle Diameter	30-120mm customized
Bottle Height	50-380mm
Cap Diameter	18-120mm
Power	3.5KW for single head capping
Air Pressure	0.6-1Mpa
Voltage	380V, 50Hz/60Hz
Weight	800KG
Dimension	2200mm*1400mm * 2250mm