



**SUNTRONIC CONTROL**



# **Automatic Induction Cap Sealing Machine**



## Product Description

Introducing our state-of-the-art automatic cap sealing machine, a game-changer in the world of packaging solutions. If you're seeking a competitive edge, enhanced product presentation, and peace of mind in your packaging process, look no further. Our cutting-edge machines are meticulously designed to not just meet but exceed your sealing expectations.

## Key Features

- **Precise Sealing:** Our automatic cap sealing machines utilize cutting-edge technology to provide consistent and precise sealing results. This ensures a reliable seal every time, reducing the risk of leaks and contamination.
- **Versatility:** These machines are adaptable to a wide range of cap sizes and types, including screw caps, snap-on caps, and flip-top caps. This versatility makes them suitable for various packaging applications.
- **Speed and Efficiency:** With high-speed sealing capabilities, our machines can handle large production volumes, increasing efficiency and reducing labor costs. The automation minimizes the need for manual labor, improving overall productivity.
- **Adjustable Torque Control:** Our cap sealing machines offer adjustable torque control, allowing you to customize the tightness of the cap seal based on your product requirements. This feature ensures that caps are sealed securely without damaging the packaging.
- **Quality Assurance:** These machines incorporate quality control mechanisms to detect and reject improperly sealed caps. This ensures that only products with correctly sealed caps reach the market, enhancing your brand's reputation.
- **Tamper-Evident Seals:** Automatic cap sealing machines can apply tamper-evident seals, providing an extra layer of security for your products and instilling confidence in consumers.
- **Easy Integration:** Our machines are designed for easy integration into existing packaging lines, reducing downtime and streamlining your production process.

## Technical Specifications

Our cutting-edge Automatic Cap Sealing Machine, PRIME II, is designed with efficiency, precision, and user-friendly features to meet the diverse sealing needs of your production line. Here are the key features that make PRIME II stand out:

- **Efficient Air-Cooled Inverter and Sealing Coil Design:**
  - Advanced air-cooled inverter technology ensures efficient control of the sealing process.
  - Sealing coil design optimized for high-performance and reliability.
- **Easily Movable Design:**
  - Compact and lightweight design for easy mobility within your production facility.
  - Can be seamlessly integrated into your existing conveyor belt for added convenience.
- **High Control of Sealing:**
  - Utilizes advanced technology for precise control over the sealing process, ensuring consistency and quality.
- **Wide Range of Cap Diameters:**
  - Capable of sealing caps with diameters ranging from 20mm to 130mm, providing versatility for various container sizes.
- **Impressive Sealing Speed:**
  - Achieves a sealing speed of 50-60 containers per minute, optimizing production efficiency.
- **Sealing Head Movement:**
  - Standard 300mm sealing head movement accommodates different container materials, including PET, HDPE, PP, LDPE, and PVC.
- **User-Friendly Fast Setup:**
  - Intuitive design for quick and easy setup, ensuring minimal downtime during production changes.
- **Built to Last:**
  - Continuous use design for longevity and reliability, making PRIME II a durable solution for your sealing needs.

- **Micro Processor Controlled:**
  - 100% digital variable output operation at ambient temperature, providing precise control and consistency.
- **Power Efficiency:**
  - Utilizes the latest solid-state semiconductor technology for over 80% power conversion efficiency, resulting in reduced power consumption.
- **Plug-and-Play Operation:**
  - No tuning or additional tools required. Simply plug it into a 230V single-phase mains power supply and start sealing.
- **Safety and Reliability:**
  - Equipped with built-in protection circuitry for Over Current, Over Voltage, and Over Temperature, ensuring safe and reliable operation.
- **Seamless Integration:**
  - PRIME II can be easily mounted onto your existing conveyor belt, streamlining your production process.
- **Cost-Effective:**
  - All safety features and advanced technologies come standard, providing exceptional value at no extra cost.

## Applications:

- **Food and Beverage Industry:** Automatic cap sealing machines are ideal for sealing bottles of sauces, condiments, beverages, and more, preserving the freshness and flavor of your products.
- **Pharmaceuticals:** Ensure the integrity of pharmaceutical products by sealing bottles and vials with precision, complying with industry regulations and safety standards.
- **Cosmetics:** Maintain the quality and presentation of cosmetics, perfumes, and skincare products with professionally sealed caps.
- **Chemicals:** Securely seal chemical containers to prevent leaks and ensure safety during transport and storage.
- **Nutraceuticals:** Safeguard the potency of nutraceuticals and supplements with reliable cap sealing, meeting strict quality standards.

## Images

