

## ***NKSC-150P/250P/350P Pick And Place Screw Capping Machine***



Introducing our innovative series of Automatic Multi-head Pick and Place Rotary Screw Capping Machines, a revolutionary advancement in screw capping technology. Designed with precision and efficiency in mind, these machines incorporate specially engineered CAM systems that ensure precise cap lifting and perfect placement, resulting in nearly 100% screw capping accuracy. With a range of models available, including 4-head, 6-head, and 8-head configurations, you can choose the perfect machine to meet your desired output requirements. Our machines boast impressive speeds, ranging from 100 to 220 containers per minute.

Safety is paramount in our Automatic Multi-head Screw Capping Machines. Equipped with safety clutches at the star wheel system and feed worm, our machines offer enhanced protection and prevent any mishaps during operation. With our "No Bottle No Cap" system and automatic cap feeder on/off system, you can be confident that each bottle will be securely capped. Additionally, our machines feature a magnetic hysteresis clutch head, further ensuring precise and reliable capping. Depending on your specific screw cap requirements, our machines can be integrated with a mechanical cap feeder orientator, a vibrator cap feeder, or a waterfall-type elevator for efficient cap storage. For added safety, we offer the option of a toughened glass or acrylic glass safety cabinet.

Versatility is another key aspect of our Automatic Multi-head Screw Capping Machines. They can accommodate a wide range of container shapes, including round and square, with minimal format changes required. Made from high-quality AISI 304 stainless steel and aluminum alloy, our machines are built to withstand the rigors of continuous operation while ensuring trouble-free maintenance and a long lifespan.

Experience the next level of screw capping technology with our Automatic Multi-head Pick and Place Rotary Screw Capping Machines. Increase efficiency, accuracy, and safety in your capping process, and elevate your production capabilities to new heights. Contact us today to learn more about our cutting-edge capping solutions.

#### Salient feature:

- CGMP Model, Compact Model & Modular system.
- Parts made out of AISI 304 for hygiene and durability
- Single motor synchronizes conveyor, star wheels, and platform turret for smooth operation
- Special safety clutch devices on infeed and outfeed star wheel system to prevent overturning of vials
- Background suppression sensor stops machine when no screw cap is detected in the delivery chute
- Electro-pneumatic No Bottle - No Cap System
- Two Cam system for precise cap pick-up and release
- Magnetic hysteria sealing head with incorporated clutch system for efficient capping
- Various cap feeding options available: vibrator feeder system, mechanical cap feeder orientator, or waterfall type elevator
- Fast format changeover thanks to custom-designed parts
- Positioning system prevents cap jamming
- 6-digit precise counting arrangement for efficient production management
- Emergency button for enhanced safety
- All electrical and brought-out items are CE certified for quality assurance

#### Technical Specification:

Model	NKSC-150P
Direction	Left to Right
Production rate	Up to 100 Bottle per minute for 50 ml bottle
Electrical supply	1 HP for Main Drive
	0.25 HP for Orientation Unit
No of Screw Capping Head	4 head
Auto cap Pick Up ratio	≥99.9%
Qualified capping ratio	≥99.8%
Power requirement	440 V ,3 Phase (4 Wire System ) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm
Bottle dia	22 mm to 80 mm max
Bottle height	55 mm to 200 mm max
Screw cap dia	22 mm to 52 mm di cap
	(with the help of change part)
Dimension (L X W X H) mm	1530 x 812 x 1900

Model	NKSC-250P
Direction	Left to Right
Production rate	Up to 120 Bottle per minute for 50 ml bottle
Electrical supply	1 HP for Main Drive
	0.25 HP for Orientation Unit
No of Screw Capping Head	6 Head
Auto cap Pick Up ratio	≥99.9%
Qualified capping ratio	≥99.8%
Power requirement	440 V ,3 Phase (4 Wire System ) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm
Bottle dia	22 mm to 80 mm max
Bottle height	55 mm to 200 mm max
Screw cap dia	22 mm to 52 mm dia cap
	(with the help of change part)
Dimension (L X W X H) mm	1830 x 812 x 1900

Model	NKSC-350P
Direction	Left to Right
Production rate	Up to 180 Bottle per minute for 50 ml bottle
Electrical supply	2 HP for Main Drive
	0.50 HP for Orientation Unit
No of Screw Capping Head	8 Head
Auto cap Pick Up ratio	≥99.9%
Qualified capping ratio	≥99.8%
Power requirement	440 V ,3 Phase (4 Wire System ) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm
Bottle dia	22 mm to 80 mm max
Bottle height	55 mm to 200 mm max
Screw cap dia	22 mm to 52 mm dia cap
	(with the help of change part)
Dimension (L X W X H) mm	2130 X 915 x 1900