

NKSC-60 Automatic Single Head Bottle Screw Capping Machine



N.K Industries proudly presents its high-quality Automatic Single Head Screw Capping Machine, designed to meet the moderate production requirements of various industries. With its innovative design and advanced features, this machine ensures seamless operation and exceptional performance.

The Model NKSC-60 of the Automatic Single Head Screw Capping Machine is equipped with a single motor, providing synchronized movement of the conveyor, star wheels, and platform turret. This streamlined design optimizes efficiency and productivity, allowing for a production output of approximately 50 bottles per minute, depending on the container diameter.

This versatile machine caters to a wide range of industries, including Pharmaceuticals, Distilleries & Breweries, Cosmetics & Toiletries, Lube & Edible Oil, Pesticides, and Food. It is compatible with various container shapes, such as round, square, and triangular, requiring minimal format parts for caps and bottles.

The Automatic Single Head Screw Capping Machine is renowned for its exceptional features, including the "No Bottle – No Cap" system, ensuring efficient operation and minimizing waste. Additionally, the machine can be integrated with a mechanical cap feeder orientator or a vibrator cap feeder, depending on the type of screw cap or closure used. For large-scale storage of screw caps, the machine offers an optional waterfall type elevator.

Trust N.K Industries for superior quality, reliable performance, and innovative solutions to meet your screw capping needs. Enhance your production process with the Automatic Single Head Screw Capping Machine and experience unmatched efficiency and productivity.

Features:

- Compact and adaptable unit designed in compliance with GMP standards.
- Parts in contact with bottles and screw caps are made of AISI 304 stainless steel for hygiene and durability.
- Single motor synchronizes the movement of the conveyor, star wheels, and platform turret, ensuring precise and efficient operation.
- Special safety clutch device integrated into the star wheel system to prevent machine stoppage in case of overturned vials.
- Background suppression sensor automatically stops the machine when no screw caps are detected in the delivery chute.
- No Bottle – No Cap System ensures efficient operation and minimizes wastage.
- Specially designed jaw-type head allows for torque adjustment, ensuring proper cap application without damaging the cap threads, resulting in secure and reliable sealing.
- Various cap feeding systems available, including vibrator feeder, mechanical orientator, or waterfall type elevator, providing flexibility based on specific requirements.
- Fast format changeover allows for quick and seamless transition between different container sizes.
- Distinctively designed position system prevents cap jamming, ensuring smooth and uninterrupted operation.
- Precise counting arrangement helps manage the production process effectively.
- Equipped with an emergency button for enhanced safety measures.
- All electrical and brought-out items are CE certified, ensuring compliance with international quality and safety standards.
- Choose N.K Industries for a reliable and efficient Automatic Single Head Screw Capping Machine that meets your production needs while adhering to the highest standards of quality and performance.

Technical Specification:

Direction	Left To Right.
Type of Capping	Screw capping
Cap pick on container	Shut pick up
Electrical Supply	1.00 HP For Main Drive
Output	40 -50 bottle / Minute
No of Sealing Head	Single
Power Requirement	230 Volts, 1 Phase 50 Hz.
Height of Conveyor	Adjustable from 800 To 850 mm
Dimensions	1530 mm (L) X 850 mm (W) X 1900 mm (H)
Net Weight	550 KGS (Approx.)
Gross Weight	740 KGS (Approx.)
Container Diameter	22 mm to 100 mm
Height	15 mm to 100 mm
Screw Caps	Diameter: 22 mm to 56 mm
	Height : 15 mm to 18.3 mm