

NKCS-150R/250R/350R/450R Multi Head Rotary Ropp Cap Sealing Machine



N.K Industries, located in Ahmedabad, Gujarat, India, is a renowned manufacturer, supplier, and exporter of a wide range of Automatic Multi Head Rotary ROPP Cap Sealing Machines. These machines cater to various industries and offer exceptional sealing solutions.

The series of Automatic Multi Head Rotary ROPP Cap Sealing Machines includes models such as the 4-head, 6-head, 8-head, and 12-head machines. Depending on the production requirements, the appropriate model can be selected. The output speed ranges from 100 bottles per minute to 300 bottles per minute, ensuring efficient and high-speed sealing operations.

These machines are equipped with remarkable safety features, including safety clutches at the star wheel system and feed worm, ensuring operator safety and preventing any mishaps. Additionally, a No Bottle - No Cap system is incorporated to ensure proper sealing only when bottles are present. For added safety, the machine can be optionally equipped with a toughened glass or acrylic safety cabinet.

The Automatic Multi Head Rotary ROPP Cap Sealing Machines are designed to work with a wide range of container shapes, including round and square, by utilizing the appropriate change parts. This versatility allows for greater flexibility in packaging options.

Durability and ease of maintenance are prioritized in the manufacturing of these machines. They are constructed using AISI 304 stainless steel and aluminum alloy, providing trouble-free maintenance and ensuring a long lifespan.

Choose N.K Industries for reliable and efficient Automatic Multi Head Rotary ROPP Cap Sealing Machines that meet your production requirements. Experience the benefits of advanced technology, safety features, and high-speed sealing capabilities for your packaging needs.

Salient Features:

- CGMP Model, Compact Model & Modular system.
- Parts coming in contact with bottle / ROPP cap are made out of AISI 304, good housekeeping
- Single motor synchronizes conveyor, star wheels and platform turret.
- A Special safety clutch devices are being integrated on in feed & out feed Star wheel system for stoppage of machine in the event, vial is over turned.
- A special background Suppression sensor stops machine automatically in the event, there is no aluminum cap in delivery chute.
- No Bottle – No Cap System.
- Single Cam system which controls Head height & Cap pick-off assembly
- Sealing Pressure can be control / changed to suit diverse sizes of ROPP caps.
- Various cap feeding system available like vibrator feeder system, Mechanical cap feeder orientator or Water fall type elevator.
- Fast format Changeover from one size of container to other size due to use of custom designed part.
- Distinctively designed position system prevents from cap being jammed.
- 6 Digit precise counting arrangement helps to manage production process.
- Outfitted with emergency button for safety concern.
- All electrical & Brought out items are of CE certified.

Technical Specification:

Model	NKCS-150R	NKCS-250R
Direction	Left to Right	Left to Right
Production rate	Up to 100 Bottle per minute for 50 ml bottle	Up to 120 Bottle per minute for 50 ml bottle
Electrical supply	1 HP for Main Drive	1 HP for Main Drive
	0.25 HP for Oreintation Unit	0.25 HP for Oreintation Unit
Auto cap Pick Up ratio	≥99.7%	≥99.7%
Qualified capping ratio	≥99.5%	≥99.5%
Bottle breakage ratio	≤0.5%	≤0.5%
No of Sealing Head	4 head	6 Head
Bottle Diameter (mm)	22 MM To 65 MM MAX.	22 MM To 65 MM MAX.
Bottle Height (mm)	55 MM To 110 MM MAXIMUM.	55 MM To 110 MM MAXIMUM.
ROPP Cap	20 mm to 40 mm	20 mm to 40 mm
Power requirement	440 V ,3 Phase (4 Wire System) 50 HZ	440 V ,3 Phase (4 Wire System) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm	Adjustable from 800 to 850 mm
Dimension	1530 x 812 x 1900	1830 x 812 x 1900
(L X W X H) mm		

Model	NKCS-350R	NKCS-450R
Direction	Left to Right	Left to Right
Production rate	Up to 180 Bottle per minute for 50 ml bottle	Up to 300 Bottle per minute for 50 ml bottle
Electrical supply	2 HP for Main Drive	2 HP for Main Drive
	0.50 HP for Orientation Unit	0.50 HP for Oreintation Unit

Auto cap Pick Up ratio	≥99.7%	≥99.7%
Qualified capping ratio	≥99.5%	≥99.5%
Bottle breakage ratio	≤0.5%	≤0.5%
No of Sealing Head	8 Head	12 HEAD
Bottle Diameter (mm)	22 MM To 65 MM MAX.	22 MM To 65 MM MAX.
Bottle Height (mm)	55 MM To 110 MM MAXIMUM.	55 MM To 110 MM MAXIMUM.
ROPP Cap	20 mm to 40 mm	20 mm to 40 mm
Power requirement	440 V ,3 Phase (4 Wire System) 50 HZ	440 V ,3 Phase (4 Wire System) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm	Adjustable from 800 to 850 mm
Dimension	2130 X 915 x 1900	3050 x 1050 x 1900
(L X W X H) mm		