

Jar Capping Machine NKSC-series



We Have Comprehensive Range Of Jar Capping Machine Which Works On Shut Pick Up Principal. This Rotary Jar Capping Machine Can Be Made Available In 4 -6-8-12 Head Configuration Depending Upon The Production Output Requirement At Customer End.

Salient Features

- Parts coming in contact with the Plastic bottle / Screw Plastic cap / exposed to the atmosphere are made out of S.S 304.
- Star wheel and back guide set are made of Nylon material for long lasting life.
- Single motor synchronizes conveyor, star wheels and platform turret and speed can be varied by the % speed pot on operating panel.
- A Special clutch device is incorporated on the in feed worm and Star wheel system for stoppage of machine in the event of plastic bottle is over turned or over diameter.
- Imported photo sensing device to stops machine automatically in the event of no plastic screw cap in delivery chute.
- Specially design Jaw type head for torque adjustment. (Due to this there shall be no damage to the thread of the cap and correct cap application is done. SO there will be no complaint for loose capping)
- Damage cap quantity can be reduced by adjusting the gap between upper and lower plate of orientation unit.
- Imported photocell for cap feeder orientation for automatic control for reducing cap damaging.
- Imported Gear Motor for Main drive.

- Imported Gear box for Orientation unit.
- A.C. Frequency drives for Main drive.
- Digital Counter for counting number of sealed BOTTLE.
- No Bottle and no cap system for reducing the cap wastage and to yield the higher production.
- “No Seal in Chute, Machine Stops System”
- Toughened glass safety cabinet with safety switches available as a optional.

Machine Working

- Jar capping machine is a compact model used for sealing of screw Cap on Jar. And available in various configuration according to the out requirement.
- Jars are continuously fed from upstream machine to the flat conveyor belt of Screw cap sealing machine and move further through in feed worm for correct spacing between two jars and transferred to the in feed star wheel.
- Screw caps kept in orientation unit automatically orient caps in right direction before entering into delivery chute. And jars is entering below jaw type sealing head and jars will be sealing perfectly.
- After sealing operation, sealing head moves upward with help of cam and Pet Bottle move with exit star wheel and Move further on conveyor belt for next operation

Technical Specifications

Model	NKSC-150	NKSC-250
Machine Name	4 head jar Capping Machine	6 head jar Capping Machine
Direction	Left to Right	Left to Right
Production rate	Up to 100 Bottle per minute for 100 ml bottle	Up to 120 Bottle per minute for 100 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
No of Sealing Head	4 head	6 Head
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
Bottle dia	22 mm to 100 mm max	22 mm to 100 mm max
Bottle height	55 mm to 250 mm max	55 mm to 250 mm max
Screw cap dia	22 mm to 100 mm dia cap	22 mm to 100 mm dia cap
	(with the help of change part)	(with the help of change part)
Dimension	1530 x 815 x 1900	1830 x 812 x 1900
(L X W X H) mm		