

Single Head Ropp Cap Sealing Machine NKCS-60R



Single Head ROPP Cap Sealing Machine Is Used To Apply The Pilfer Proof / ROPP Cap / Aluminum Cap On Bottle. It Can Deliver The Output Up To 50 Bottles Per Minute.

Salient Features

Single head rope cap sealing machine is equipped with following features

- Parts coming in contact with vial / aluminum cap / exposed to the atmosphere are made out of stainless steel, good housekeeping and good manufacturing practice.
- 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, vial is over turned or over diameter.
- A photo sensing device stops machine automatically in the event, there is no aluminum cap in delivery chute.
- Sealing Pressure can be varied to suit different gauges and sizes of ROPP caps.
- Damage cap quantity can be reduced by adjusting the gap between Upper & Lower plate of orientation unit.
- Imported Gear Motor for Main drive.
- Imported Gear box for Orientation unit.
- Imported A.C. Frequency drives for Main drive.
- Digital Counter for counting number of sealed BOTTLE.
- “No Seal in Chute, Machine Stops System”

Machine Working

- NKCS-60R Automatic Single Head ROPP Cap Sealing Machine is a compact model used for sealing of ROPP Cap on the bottle.
- Previously filled bottles with Dry Syrup Powder or Liquid Syrup are continuously fed from filling machine to the flat conveyor belt of sealing machine and move further through in feed worm for correct spacing between two bottles and transferred to the in feed star wheel.
- ROPP caps kept in orientation unit automatically orient caps in right direction before entering into delivery chute.
- And Bottle is entering below the sealing head, consist of total four rollers. Two rollers properly Skirts, Spins and Seals cap and simultaneously another two roller performs perfect threading according to bottle neck diameter.
- After sealing operation, sealing head moves upward with help of cam and bottle move with exit star wheel and Move further on conveyor belt for next operation.

Technical Specifications

Direction	Left To Right.
Production Rate	Up to 35 To 60 Bottles / Min
Electrical Supply	1.00 HP For Main Drive
No of Sealing Head	Single
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.
Height of Conveyor	Adjustable from 800 To 850 mm
Dimensions	1600 mm (L) X 750 mm (W) X 1900 mm (H)
Net Weight	550 KGS (Approx.)
Gross Weight	740 KGS (Approx.)
Bottle Diameter	22 mm To 65 mm MAX.
Height	55 mm To 110 mm MAXIMUM.
ROPP Caps	22, 25 & 38 mm DIAMETER. (with help of change parts)