

## *High Speed 12 Head Vial Cap Sealing Machine NKCS-450*



### **Salient Features**

- Total cGMP model.
- Parts coming in contact with the vial / aluminum cap /exposed to the atmosphere are made out of stainless steel.
- 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.
- “No Stopper on Vial, Machine Stops System”, eliminates chances of sealing of vial without rubber stopper on sealing machine.
- Spring loaded free spinning sealing rollers eliminates any damage to aluminum caps and also allows greater flexibility of variation in the container neck diameter.
- Sealing Pressure can be varied to suit different gauges and sizes of aluminum caps.
- “No Seal in Chute, Machine Stops System”
- “No Stopper on Vial before Sealing, Machine Stops System”.

### **Machine Working**

- NKCS-450 Automatic Twelve Head vial Cap Sealing Machine is a high speed machine used for sealing of Aluminum Caps on vials.
- Duly Stoppard Vials are continuously fed from the turntable of filling machine to the flat conveyor belt of sealing machine and move further through in feed worm for correct spacing and transferred to the in feed star wheel.
- Aluminum caps kept in vibratory bowl automatically orient caps in right direction before entering the delivery chute. Vial during its rotation movement within feed star wheel, it picks up aluminum seal from the retaining finger of delivery chute and correctly position on the vial before entering sealing turret.
- Vial now moves on the spring loaded sealing platform, where free spinning sealing rollers moves gradually inside to complete the sealing operation during rotational movement of sealing platform turret.
- Now sealed vials are transferred to exit star wheel pocket and further moves out on to the flat conveyor belt.

### Technical Specifications

Model	NKCS-450
Machine type	12 Head Vial cap sealing machine
Direction	Left to Right
Production rate	Up to 400 Vial per minute
Electrical supply	1 HP for Main Drive
No of Sealing Head	Twelve HEAD
Power requirement	440 V ,3 Phase (4 Wire System ) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm
Dimension (L x W x H) mm	2200 x 1050 x 1900