

## *AUTOMATIC ALUMINUM CAP SEALING MACHINE (LACS-150)*



LAXMI Automatic Eight Head Aluminum Cap Sealing Machine, Model: LACS – 150 is compact versatile machine. The machine is precision built on sturdy welded steel frame and doors are provided to facilitate the servicing of machine. 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. Flip off / Aluminum / tear off caps kept in vibratory bowl automatically orient caps in right direction before entering the delivery chute. Vial during its rotation movement with in feed star wheel, its 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.

The machine consist of turntable, S.S. slat conveyor belt, Feed worm, Bowl & Chute, Indeed & Exit Star plate & Back Guide, easy –reach compact panel and with no container - no cap, No sealing System etc.

### **Silent Feature:**

- All Liquid Contact Parts are of S.S. 316, the Body Structure is built up of S.S. 304 Pipe.
- 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.
- 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.
- Imported Gear Motor & A.C. Frequency drives for Main drive.
- Digital Counter for counting number of sealed vials.
- No Vial, No Seal - Machine Stops System

**Application:**

- Pharmaceuticals
- Food & beverages
- Pesticide
- Chemicals
- Cosmetic
- And in other allied company and industries.

<b>TECHNICAL SPECIFICATION</b>	
<b>Model No</b>	<b>LACS 150</b>
<b>Filling Heads</b>	8 Heads
<b>Output/ Min</b>	150 VPM
<b>Power Characteristics</b>	440v 3 Phase 50Hz 4 Wire System
<b>Cap Size</b>	13mm/ 20mm (Plan & Flip Off)
<b>Filling Accuracy</b>	±1 %
<b>Net Weight</b>	650 kgs
<b>Machine Length</b>	1800mm
<b>Machine width</b>	1050mm
<b>Machine height</b>	1350mm