

Automatic Single Head Vial Cap Sealing Machine DTVCS - 60/120/150



The single head vial cap sealing machine is fabricated on a stainless steel frame enclosed in sheet of stainless steel. The vial capping machine is equipped with doors to operate the machine. The single head vial capping machine is used for the sealing of aluminum caps of different size on the vials fed on a continuous line. Different change parts are used for different size and diameters of vials. The machine is also called vial flip off capping machine as it is suitable for flip off sealing of caps for inject able glass vials. The vial cap sealing machine is used for the sealing and capping of vials and ampoules in the chemical and pharmaceutical industry. The vial capper machine is easy to operate and fully automatic. All the contact parts are made of stainless steel 304 caddied with S.S. 304 gauge sheet.

Process of operation

The S.S. Slat Conveyor feeds the vials to the cap vibrator chute. The vial picks up the cap and it is carried by star wheel under the sealing head. The complete head assembly is moved down. The vials move from left to right on the conveyor. The machine delivers an output of 60 to 80 vials per minute.

Salient Features:

- All contact parts are made out of S.S. 304
- The whole body is caddied with S.S. 304
- Main drive motor power 415 volts, 1.0 H.P.
- Variable frequency drive for speed control
- No seal machine stop mechanism
- No stopper machine stop system
- Free spinning sealing rollers with loaded springs

Technical Specification

MODEL NO.	DTVCS – 60	DTVSC – 120	DTVSC - 150
No. Of Head	Single	Four	Six
Production	50 vials per minute	100 vials per minute	150 vials per minute
Vial sizes or Dia.	2ml to 100ml or	2ml to 100ml or	2ml to 100ml or
	Dia. 16mm to 56mm	Dia. 16mm to 56mm	Dia. 16mm to 56mm
Cap sizes	13mm, 20mm, 28mm, 32mm (Aluminum or Flip off)	13mm, 20mm, 28mm, 32mm (Aluminum or Flip off)	13mm, 20mm, 28mm, 32mm (Aluminum or Flip off)
Power	1 H.P.	1 H.P.	1.5 H.P.
Electrical	415V, 3 Phase, 50 Hz	415V, 3 Phase, 50 Hz	415V, 3 Phase, 50 Hz
Dimension	1200mm (L) X 800mm (W) X 1700mm (H)	1500mm (L) X 800mm (W) X 1700mm (H)	1800mm (L) X 800mm (W) X 1700mm (H)
Weight	350 Kgs.	500 Kgs.	680 Kgs.