

Volumetric Liquid Filling Machine - SVAVLF100/150/200



Volumetric Liquid Filling Machine - SVAVLF100/150/200 works on volumetric principle with diving nozzles. This versatile unit is suitable for filling various viscosity liquid in to the container.

The unit is consisting of 8.5. slat conveyor, reciprocating nozzle with self—centering devices & 8.5, syringe with SS. body.

Empty containers moving on 5.5. slat conveyor, stop through settable twin pneumatically/mechanically operated stopper system below the filling nozzles and meantime container accurately filled by filling nozzle.

The container can be easily and precisely match below the nozzles by help of twin pneumatically operated stopper system and reciprocating nozzles which is avoid spillage of liquid on container. The liquid dose can be easily set by block with a hexagonal bolt fitted below syringes.

Salient Features:

- Rigid vibration free construction, low noise and low power consumption.
- $\pm 1\%$ filling accuracy on single dose.
- Elegant and easy control panel for total control on operation.
- Self lubricating UHMW-PE guide profile for SS. Slat chain provides low friction wear surface, smooth and noiseless conveying.
- Drip tray under the conveyor.
- Pneumatic/Mechanical bottle stopping arrangement.
- Safety guard for conveyor gear box, motor and pneumatic cylinders.
- Nitrogen flushing system provided (Pre or Post) as required by customer.

Optional Features:

- Automatic chain washing system for conveyor belt
- Inbuilt pre-inspection.
- Acrylic cabinet.
- Nitrogen flushing.
- Float tank (Holding)

Model	SVAVLF100	SVAVLF150	SVAVLF200
Output/Hour*	2400 to 6000	3600 to 9000	5000 to 12000
Direction of Movement	Left to Right		
Number of Head / Syringe	4 Nos.	6 Nos.	8 Nos.
Fill Size***	5 ml to 1000 ml		
Electrical Specs. **	Main Machine	1 HP / 415 Volts / 50 Hz.	1.5 HP / 415 Volts / 50 Hz.
	Conveyor	0.5 HP / 415 Volts / 50 Hz.	
Height of Conveyor	860 mm to 910 mm Adjustable.		
Change Parts Required	(A) Syringes (B) Nozzle (C) Inlet & Outlet Hose Pipe		