

## **Automatic Four Head Volumetric Liquid Filling Machine PALF-80**



Automatic Volumetric Liquid Bottle Filling Machine works on volumetric principle with diving nozzles and highly demanded one among complete bottle filling line. The unit is made compact, versatile and enclosed in stainless steel elegantly matt finish body, consists of S.S. Slat Conveyor, Reciprocating Nozzle with self-centering devices & SS Syringe. No container No filling system arrangement is standard features of the bottle filling machine.

The main drive of the liquid filling machine and conveyor drive consist of A/c Motor with synchronized variable A/c Frequency Drive.

Operation:

Containers moving on SS Slat conveyor, feed below the filling nozzles through a settable twin pneumatically operated stopper system. The twin pneumatically operated stopper system and reciprocating nozzles can precisely match for centering of container below nozzles, to avoid spillage of liquid on container.

To minimize foaming adjustable nozzle will reciprocate according to filling dose, nozzle will go upwards slowly from bottom level of bottle towards neck during filling.

The dosing block with a hexagonal bolt fitted below syringes. This means fill size can be easily set.

**Technical Specification:**

<b>Model</b>		<b>PALF-80</b>
Output/Hour*		2400 to 4800*
Direction of Movement		Left to Right
Machine dimensions (in mm)		1800 L x 1000 W x 1600 H
Case dimensions (in mm)		2000 L x 1200 W x 1800 H
Net Weight		500 Kgs.
Gross Weight		750 Kgs.
Number of head/Syringe		4 Nos.
Fill Size***		5 ml to 1000 ml
Power Consumption**	Main Machine	2 HP / 415 Volts / 50 Hz.
	Conveyor	0.25 HP / 415 Volts / 50 Hz.
Height of Conveyor**		850 mm to 900 mm Adjustable.