



JACKS
PHARMA MACHINERY
PHARMACEUTICALS MACHINERY & PACKAGING SOLUTIONS.....

PRODUCT DETAILS

AUTOMATIC SIX HEAD SERVO FILLING MACHINE



Description:

Automatic Gear Pump Liquid Filling Machine works on Gear Pump principle with diving nozzles. The unit is made compact, versatile and enclosed in stainless steel elegantly mattfinish body, consists of S.S. Slat Conveyor, Reciprocating Nozzle with self- centering devices & No container No filling system arrangement is standard features of the machine.

The main drive of the machine Gear Pump servo and conveyor drive consist of A/cMotor 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.





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Technical Specifications:

Model	JACKS-GPSF
Output/BPM*	60* BPM (50ml)
Direction of Movement	Left to Right
Number of Filling Nozzle	6 Nos.
Fill Size***	50ml to 1 Ltr.
Conveyor	0.5 HP / 415 Volts / 50 Hz.
AC Drive Conveyor	0.5 HP
Gear Pump	5 Ltr. Capacity
PLC & SERVO	Make: Schneider/Panasonic/Moons
HMI	Touch Screen – Make: Schneider
Conveyor Dimension**	90mm (W) X 8 ft. (L) X 850 mm Working HeightAdjustable.
Machine Dimension	8' (L) x 3' (W) x 6' (H) – APPROX

Input Specifications:

Container Neck Diameter**	Minimum 22 mm***
Container Size**	Round Shape Ø 28 mm to Ø 100 mm Respectively height 58 mm to 240 mm (Height option for other bottle height available)
	Flat / Square 15mm to 100 mm (Length) Respectively 10mm to 50 mm (Width) Respectively height 58 mm x 240 mm (Height option for other bottle height available)





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Salient Features:

- ± 1 % filling accuracy on single dose.
- No Bottle No Filling System.
- Rigid vibration free construction for trouble free performance
- S.S. Elegantly matt finished body.
- Minimum change overtime, from one size to another container or fill size.
- Self-lubricating UHMW-PE guide profile for S.S. slat chain provides low friction wearsurface, smooth And noiseless conveying.
- Bottle Stopping arrangement through Pneumatic system.
- Synchronized two nos. A/c drives for main motor & conveyor belt.
- Safety guard for conveyor gearbox, motor.
- Inbuilt protection against over current, voltage fluctuation, short circuit in A/cfrequency Drive.

Utility Requirement:

Electrical supply	3 Phase + Neutral + Earthing
Air Pressure: Minimum	6 bar pressure 0.5 CFM

Thanking you

WEBSITE

www.jackspharma.com

JACKS PHARMA MACHINERY

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