

Automatic four head volumetric liquid filling machine NKLFL-100A



Salient Features

- Rigid vibration free construction for trouble free performance.
- S.S. Top, covers, conveyor guides and other parts for longer life .
- Elegant and Easy reach control panel for total control on operation.
- 'No container machine stops' saves valuable liquid and down time for cleaning.
- Steel frame is elegantly and systematically painted for corrosion resistance.
- Self centering device to take care of non concentricity of container to certain extent.
- High precision manufactured syringes to achieve high accuracy in fill size and drip proof performance.
- Minimum change overtime, from one size of container or fill size to another.
- Long Liquid collection tray with outlet below conveyor to Safeguards assemblies.
- Special designed nozzle and syringe in order to prevent liquid spillage in from on drop.

Machine Working

- NKLFL-100, automatic four head volumetric liquid filling machine is a compact model used for filling of plastic and glass containers.
- Empty bottles are being received through the turntable and then they are fed on to the in feed conveyor of machine where the bottles are being separated as per constant pitch for next operation means filling.
- A Imported, fiber optic sensor senses the Bottle and then give the order to syringe system to fill the bottle as per required dosing.
- Then it is conveyed to the downstream machine for subsequent operation.

Technical Specifications

OUT PUT/HOUR [Depending on Nature of Liquid & Fill size]	80 CPM Max.
FILL SIZE & ACCURACY	30ML TO 500ML
	(+1% ON SINGLE DOZE)
POWER CHARACTERISTICS	440V, 3PH 50HZ (4 WIRE SYSTEM)
ELECTRICAL RATINGS	H.P.1, 1500 RPM FOR MAIN M/C
	0.50 H.P. 1500RPM FOR CONVEYOR
	0.50 H.P. 1500 RPM FOR TURN TABLE
DIMENSIONS	1800 x 840 x 1400 (mm)
HEIGHT OF CONVEYOR	ADJUSTABLE FROM 750 mm to 840 mm
NET WEIGHT	650KG
CONTAINER DIAMETER	30 mm to 100 mm
HEIGHT	210 mm MAXIMUM