

Inspection Machine



Description

Inspection table is equipment consisting of a three - track conveyor with a hood with lighting arrangement and visual inspection background of alternate black & white color. Inspection table have stainless steel structure with moving S.S. slat chain. Structure made out of S.S. square pipe & supported on adjustable bolts.

Operation

The central conveyor belt brings the bottle from the capping machine conveyor. These bottles are automatically bifurcated on the two adjoining conveyor belts & further on the side tables for operators sitting on either side of the table. The operators in turn pick up the bottles & visually inspect the bottles in the alternate white & black background to check for any particles in the liquid filled, sealed & breakage of bottle. After inspection the bottles are placed in the central track, which is transfer for labeling.

Salient Features

- A/c frequency variable drive.
- Direct gear drive.
- Length can be made as per customer requirement.
- PVC black & white board as per GMP norms.
- UHMW self lubrication guide below chain.
- SS elegantly matt finishing.
- Adjustable height of conveyor belt, to align with other machine of the line
- Self- alignment bearing for easy maintenance.
- Rigid Vibration free Construction for trouble free performance.

Technical Specification

Model	DVBI -100	DVBI - 150
Direction of Movement**	Left to Right	
Output*	Up to 100 Containers/minute	Up to 150 Containers/minute
Number of Operator	Four (2x2, Two Side Seated)	Six (3x2, Two Side Seated)
Power Characteristics**	0.5 HP/220 Volts /50 Hz.	0.5 HP/220 Volts /50 Hz.
Height of Conveyor**	860 mm to 910 mm	
Machine Dimensinons**	1880 mm (L) x 700 mm (W)x 1525 mm (H)	2440 mm (L) x 700 mm (W)x 1525 mm (H)
Case Dimensions**	2150 mm (L) x 950 mm (W)x 1750 mm (H)	2750 mm (L) x 950 mm (W)x 1750 mm (H)
Gross Weight	425 Kgs.	525 Kgs.
Input Specification		
Container Size**	Round Shape	Ø 22 mm to Ø 100 mm*** Height 58 mm to 240 mm *** (Height option for other bottle height available)
	Flat / Square	15 mm to 100 mm (Lenght) Respectively 10 mm to 50 mm (Width) Respectively Height 58 mm x 240 mm

*Depends on operator, bottle size etc. ** We can supply as per customer requirements,.

Optional

- Castor Wheel with lock

Utility Requirement

- Electrical supply : Single Phase + Neutral + Earthing,
- Electrical load : 0.5 KW

Note: Technical detail, specification & design subject to change whit out any prior notice.

Accessories shown in picture are not part of standard accessories.