

Inspection Conveyor with Black & White Booth



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continues up-gradation Process)

Overview of the Equipments

- Black & White booth for Inspecting the Bottles
- S.S. Frame Structure.
- S.S. conveyor for trouble free operation.
- Extra shine tube for batter visibility.
- Suitable for all types of bottles.
- Adjustable guide suit to bottle size.
- Available in Different Length as per Customer's requirement.

Description of the machine:

Inspection table is equipment consisting of a three track conveyor with a hood of SS 304 with lighting arrangement and visual inspection background of alternate black & white color. Inspection table have stainless steel structure with moving Endless Rubberized Belt. Structure made out of SS square pipe & supported on adjustable bolts.

Operation of the Equipments

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 partials 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 of the Equipments

- AC frequency variable drive.
- Direct gear drive.
- Length can make as per customer requirement.
- PVC black & white board as per GMP norms.
- 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 of the Equipments

Direction of Movement	Left to Right	
Output *	Up to 100 Bottles / minute	
Conveyor Length	8 Feet	
Number of operator	Four (2 x 2, Two side seated)	
Power Characteristics**	0.5 HP/220 V/50 Hz	
Height of Conveyor**	760mm \pm 100mm	
Bottle Size**	Round Shape	Ø 22mm to Ø 100mm Respectively height 58mm to 240mm (Height option for other bottle height available)
	Flat / Square	15mm to 100mm (Length) Respectively 10mm to 50mm (Width) Respectively height 58mm X 240mm (Height option for other bottle height available)