



**AKSHAR ENGINEERING WORKS**

Mfg. & Exp. of Plants & Machineires for Pharmaceuticals Machinery,  
S.S. Vessels , S.S. Fabrications , Cosmetics , Chemicals ,  
Foods & Brewery Industries.

## Online Visual Bottle Inspection Machine



➤ **DESCRIPTION:-**

Inspection table is equipment consisting of three-track conveyor with dividing a hood and lighting arrangement with visual inspection background of alternate black and white color.

Inspection table have stainless steel structure with moving S.S. slat chain. Structure made out of S.S. square pipe and supported on adjustable bolts.

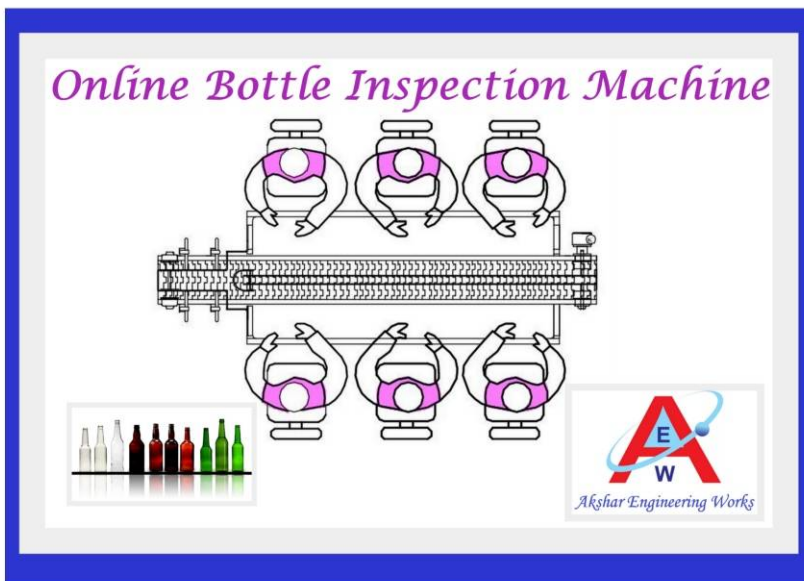
➤ **OPERATION:-**

The central conveyor belt brings the bottle from the capping machine conveyor. These bottles are automatically bifurcated on the two adjoining conveyor belts and further on the side tables for operator sitting on either side of the table.

The operator sin turn pick up the bottles and visually inspect the bottles in the alternate white and black background to check for any particles in the liquid filled, sealed and breakage of bottle. After inspection the bottles are placed in the central track

- ✚ Multi track conveying system either of S.S/denim slats.
- ✚ S.S. light canopy with black and white background is placed above conveyor.
- ✚ Three track having either side un-inspected & center inspected goes for further labeling.
- ✚ Manual pick up from un-inspected track & found ok, place in center track for further process.

***Demonstration Available***



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# Technical Specifications:-

Model	AVBI-100	AVBI-150
Direction of Movement	Left To Right	Left To Right
Output*	Up To 100 Containers / Minute	Up To 150 Containers / Minute
Number Of Operator	Four(2 X 2, Two Side Seated)	Six(3 X 2, Two Side Seated)
Power Characteristics**	0.5 HP/220 V/50 Hz	
Height Of Conveyor**	860 mm To 910 mm	
Machine Dimensions**	1860mm (L) x 700mm (W) x 1525mm (H)	2440 mm (L) x 700 mm (W) x 1525 mm
Case Dimensions	2150mm (L) x 950mm (W) x 1750mm (H)	2750 mm (L) x 950 mm (W) x 1750 mm
Net Weight	200 Kgs.	275 Kgs.
Gross Weight	425 Kgs.	525 Kgs.
Input Specification		
Container Size**	Round Shape	Ø 22 mm to Ø80mm*** Respectively height 58 mm to 240 mm*** (Height option for other bottle height available)
	Flat / Square	Ø 22 mm to Ø80mm*** Respectively 10 mm to 50 mm (Width)*** Respectively height 58 mm to 240 mm*** (Height option for other bottle height available)

\* Depends on operator, bottle size etc.

\*\* We can supply as per customer requirements.

## ➤ SALIENT FEATURES:-

- 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
- S.S. elegantly matt-finishing
- Self-alignment bearing for easy maintenance
- Rigid vibration free construction for trouble free performance

## ➤ OPTIONAL FEATURES:-

- Castor wheel with lock
- A/C frequency variable drive