



Bhalani Industries

# Vibro Screen



**Complete Solution For  
Sieving, Screening And Filtration Process**

[www.bhalanigroup.com](http://www.bhalanigroup.com)

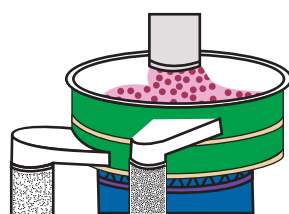
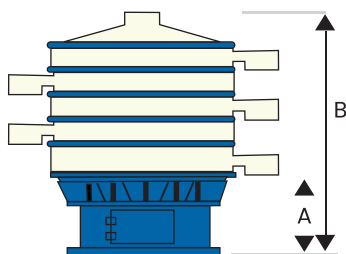
## Working Principal

Bhalani Industries Vibro screen (gyro screen) is Vibratory or Gyratory Sieving Machine designed on the principle of gyratory motion generated by vibro motor. Gyratory motion is the most effective method for screening. Vibro screen are driven by vertically mounted vibratory motor having eccentric weight at the top & bottom end of the shaft. At the time of Motor rotation top weight causes vibration in Horizontal plane whereas the rotation of bottom weight causes tilt & vibrations in vertical plane. By changing their lead angle, various spiral-screening patterns are obtained to suit different application. "BHALANI" vibro screen provides optimum screening & assures maximum feed-rate & efficiency. Vibro screen is also known as gyro screen, vibrating screen, vibro sifter, vibro grader, rotary screen, etc.....

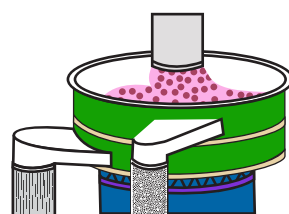
## Application

BHALANI Vibro screen use in solid-solid, solid-liquid separation in different type of industries.

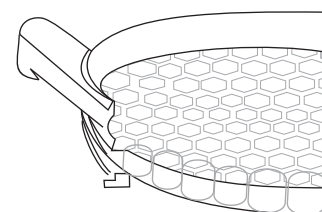
- Food Industry
- Pharmaceuticals
- Minerals
- Paper
- Agro products
- Metal powder
- Ceramics
- Sugar
- Oil Industries
- Bulk Foods
- Plastics
- Starch & Dextrose
- Chemical industry
- Refractory
- Spices
- Scrap Recycling



Dry Separation



Solid / Liquid Separation

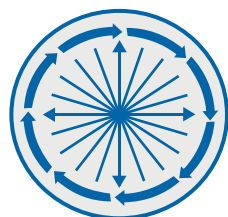


Ring Tray Arrangement

## Specification

Model	Screen Size (Dia in MM)	Screening Area CM <sup>2</sup>	Motor H.P.	Height Of Bottom Discharge "A" MM	Total Height "B" MM	
					Single Deck	Double Deck
BVS 24	610	2920	0.5	410	770	880
BVS 30	770	4710	0.5	435	800	920
BVS 36	900	6580	1	480	950	1060
BVS 48	1200	11700	2	480	950	1080
BVS 60	1500	18300	3	480	1050	1215
BVS 72	1800	26300	5	595	1130	1315

Adjustment Of Top & Bottom Weights In Accordance With The Following Diagrams  
(example Of Screen Patterns For Average Materials)



0° Lead

Material Will Be  
Thrown Straight



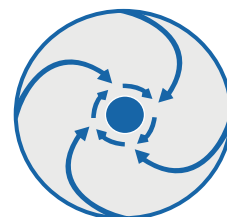
15° Lead

Material Will Give  
Minimum Screening Pattern



45° Lead

Material Will Give  
Average Screening Pattern



90° Lead

Material Will Give  
Maximum Screening Pattern

## BHALANI INDUSTRIES

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