

PREMIUM VIBRO SCREEN (STANDARD)

PRINCIPLE:

Vibratory motion is the most effective method for screening. It causes 100% rotary motion and causes dispersion stirring and stratification of material to be sifted. Feed material constantly flows in Horizontal motion along a loop pattern on Vibro Screen Surface. "PREMIUM" Vibro Screen Provides optimum screening and assures maximum federates and efficiency.



FEATURES:

Vibro screen are driven by a special type of vertically mounted motor having eccentric weight at the upper and lower end of the shaft. Rotation of out of balance top weight causes vibration in Horizontal plane where as the rotation of lower weight causes tilt an vibrations in vertical plane.

Advantage

- * Varied range of Application
- * Accurate separation
- * Low power consumption
- * High processing rate per unit
- * Area of screen
- * Minimum screen building

Applications

- * Food Industry
- * Chemical Industry
- * Pharmaceuticals
- * Ceramics
- * Plastics
- * Abrasives

PRINCIPLES OF MULTIPLANE MOTION:

The heart of the Vibro Screen is its special heavy duty, robust Motor, having out of balance weight at top 7 bottom. By Changing their lead angle, various spiral screening patterns are obtained to suit different applications.

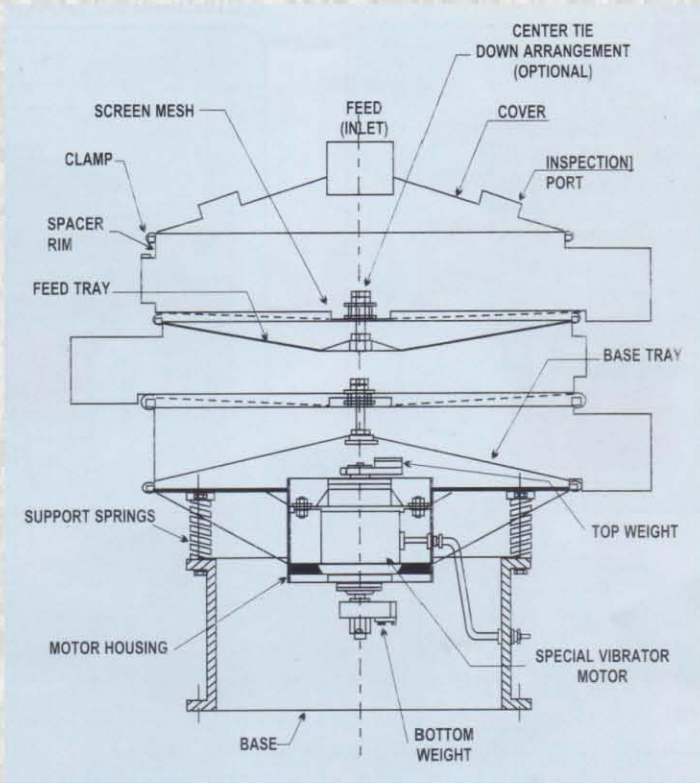
TECHNICAL SPECIFICATIONS:

MODEL	SCREEN DIA.M.M.	SCREEN AREA CM ²	MOTOR H.P.	HEIGHT OF LOWEST DISCHARGE (IN MM)	TOTAL HEIGHT INCLUDING DUST COVER (IN MM)
PVS - 24	610	2920	0.5 - 1.0	425	1020
PVS - 36	915	6576	0.75 - 1.5	560	1170
PVS - 48	1220	11680	1.5 - 2.0	560	1170
PVS - 60	1525	18265	2.0 - 3.0	560	1330
PVS - 72	1830	26290	2.0 - 3.0	560	1330
PVS - 84	2133	35628	5.0	900	1600
PVS - 96	2400	35628	5.0	900	1600

Specification & designs are subject to change without notice for any additional improvement.

SCHEMATIC DIAGRAM

TRAVERSE PATTERN AT VARIOUS LEAD ANGLES



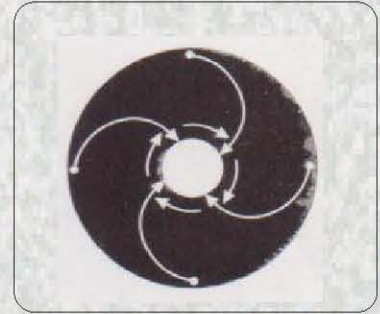
0° lead Average material will be thrown straight



30° lead Average material will begin to spiral

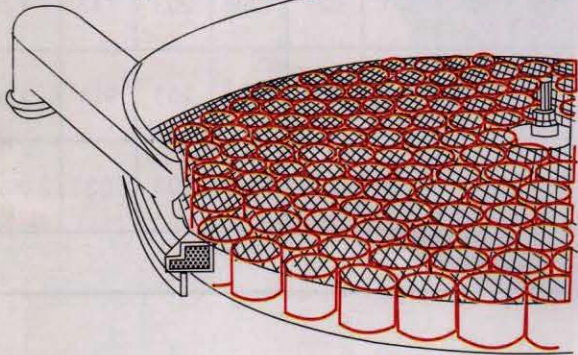


60° lead Average material will give maximum screening pattern

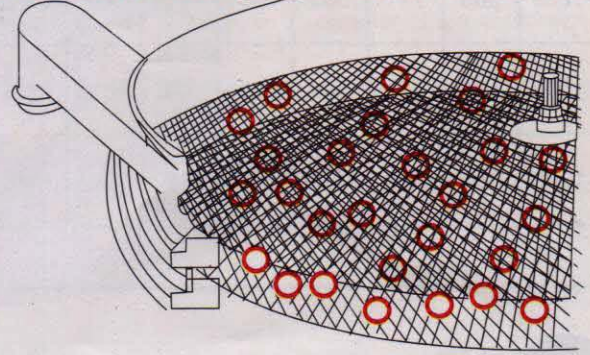


90° lead Oversize material does not discharge

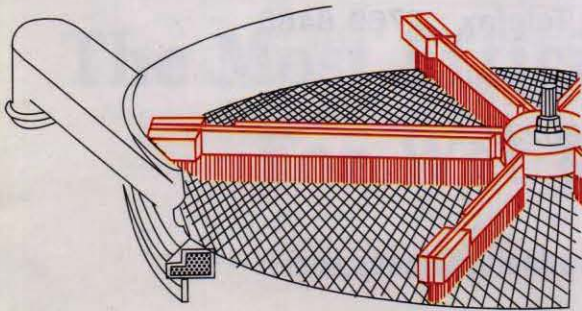
Anti-Blinding Arrangement with PVC Pipes



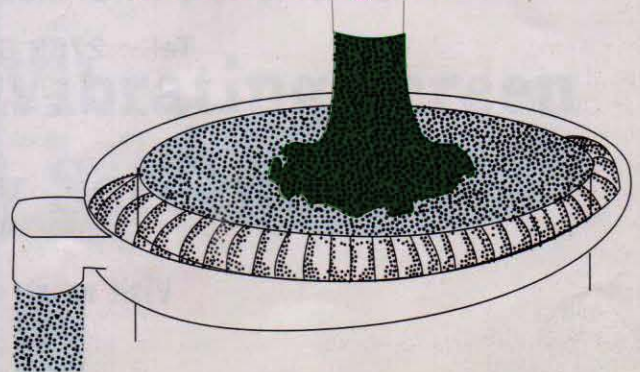
Anti-Blinding Arrangement with Rubber Balls



Anti-Blinding Arrangement with Brush



Cascade Arrangement



Manufactured By:

PREMIUM PULMAN PVT LTD

2009, Phase IV, GIDC, Industrial Estate, Vatva, Ahmedabad - 382 445. INDIA

Phone: 079-25894693, 25832541. Fax: 91-79-25830965.

E-mail: exports@premiumpulverisers.com / premiumpulman@gmail.com

Visit us: www.premiumpulverisers.com / www.premiumpulman.com

PROFESSIONALS IN SIZE REDUCTION TECHNOLOGY

