

Vibro Sifter



Pharmaceutical, Chemicals, Cosmetics, plastics, paints, minerals, metal powders, detergents, pesticides and fertilizers, dyestuff and pigments.



Process:

Vibro Sifter is used for screening, sieving, grading for solid separation, process to separate the desired elements and the undesired elements from the combination of solid to solid (where two solids are generally having different properties) and solid to liquid material.

Vibro sifter consists of a screen placed on the base plate attached centrally to specially designed gyratory motor. The material fed through the inlet on the top is dropped on the screen. The particles smaller than the mesh size passes from the screen and the larger sized particles are released through an outlet. The combination of vibratory motor and the weights placed on top and bottom of screen gives the desired filtration or separation of the material. Total assembly is mounted on suitable springs so that it becomes an independent body which vibrates without parting any vibrations to the base body.

Salient Features:

- cGMP model with All contact parts AISI 316 & non contact parts AISI 304.
- “V” type clamp bottom bowl ,shell and charging hopper.
- Powerful vibration by gyratory motion by special Vibro motor.
- Vibration can be adjusted by reset of vibration block.
- Easy to clean & move.
- Lead free and Silicon seal sieve.

Optional Features:

- Double or triple deck sifting system.
- Inline loading/Milling process and transfer to bin/Blender by Vacuum transfer system.
- Flame Proof Electricals.

Technical Specification:

Model	DVS-20	DVS-30	DVS-36	DVS-48
Output in kg / hour	25 to 200	40 to 300	60 to 400	90 to 500
Screen Diameter mm	550	750	900	1220
Charging Ht. mm	1040	1200	1200	1200
Discharging Ht. mm.	650	750	750	750
Electric Power HP / kW	0.25/0.18	0.5/037	0.5/037	1.5/1.1

*Depends on mesh size and product characteristics.

Dumra MACHINES

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