

Vibro Sifter DTVS-series



The vibro sifter allows achieving appropriate quality of powdered and fluid material after eliminating oversize material. It could be used for separating solid-solid, solid-liquid and sizing solid material in different measurements. The sieving machine is widely used in a range of industries including pharmaceutical, cosmetics, paints and more. The powder sieving machine is appropriate to separate material of almost any size. To meet the diverse needs of customers, the machine has become an essential in varied industries.

Working Principle

A weight mounted at the mid of the machine assembly allows rapid vibration of the horizontal plane. Provided with vibro screen placed centrally on the base plate, the inlet allows the material to be sifted to enter for processing. With continuous vibration horizontally and vertically, the inappropriately sized material passes through the perforated screen separator leaving behind the final material. The desired material then passes through the outlet. The vibration of vibro separators could be varied with the help of rugged springs positioned on the circular motor base.

Salient Features

- The machine adheres to cGMP principles.
- Rugged springs allow faster separation of materials.
- Less maintenance required.
- Simple and compact machine assembly.
- All the contact parts are made of AISI 316 & non-contact parts of AISI 304.
- The vibrations are powered by a special vibro motor.
- The entire operation happens without any noise.
- Easy inlet and outlet system installed.

Technical Features

MODEL	DTVS - 20	DTVS - 30	DTVS - 36	DTVS - 48	DTVS - 60
Output- kg / hour	50 to 200	75 to 300	100 to 400	125 to 500	150 to 1000
Screen Diameter	500mm	750mm	915mm	1220mm	1524mm
Charging height	1190mm	1190mm	1190mm	1330mm	1250mm
Discharging height	750mm	750mm	750mm	700mm	740mm
Electric Power H.P.	0.5	0.5	0.5	1	2