

VACUUM SIVTEK®



A CLOSED-LOOP COMPACT SIEVE DESIGNED FOR THE PHARMA & FOOD INDUSTRIES FOR HYGIENIC SCREENING.

Vacuum Sivtek is one of the best options for sieving particles in a closed environment due to its state-of-the-art design. Pharmaceuticals and chemical industries involve the sieving of hazardous or contagious substances in their production processes. Machines that work with such substances must be tight-fitting and housed in a closed environment.

With Vacuum Sivtek's pneumatic, your screening material can be easily screened without being damaged. With its tightly sealed system, this vacuum sifter delivers optimal sieving quality as it seamlessly conveys the screening material through various processing stages.

In addition to vacuum sifters, vacuum Sivtek uses dilute-phase pneumatic conveying systems in its vibratory separators. A central bypass chute connects the top and bottom screens, allowing materials of the appropriate size to enter the central chamber from two sides: upward via the top screen and downward via the chute, or downward via the bottom screen.

Vacuum SIVTEK is made of stainless steel of the highest quality, ranging from SS 304 to SS 316L. Pneumatic screeners are available in a variety of sizes and diameters, including 24" and 48"

BENEFITS



DUST-FREE OPERATION

The machine is tightly sealed from all directions, which eliminates the possibility of dust particles from raw materials contaminating it. As a result, you don't have to repeatedly clean the screens.



LOW NOISE LEVEL

As the Vacuum Sivtek keeps its noise level below 75DB, it is quieter than any conventional vibratory sieve.



COMPACT DESIGN

With its compact design and low headroom requirements, Vacuum Sivtek can easily be incorporated into processing lines.

KEY COMPONENTS



01
OUTLET
 Allows easy discharge of the oversize and undersize material.



02
INSPECTION WINDOW
 Vacuum Sivtek® comes with an inspection window that enables a 360° view of screen mesh & eliminates the need of disassembling the screen mesh.



03
SCREEN RING
 A woven mesh screen ring placed in the virbo sifter to separate different sized particles.



04
TOGGLE CLAMP
 Clutch the screen ring between both the upper & lower deck of the vacuum sivtek.



05
SPRINGS
 Set of springs to support the machine vibration.



06
VIBRATORY MOTOR
 An unbalanced vibratory motor mounted to generate high level of vibration.

FEATURES

► CONCEAL SYSTEM

The machine is tightly enclosed, which prohibits the screening material from overflowing or any other particles from entering the machine. It is 100% contamination-free.

► HYGIENIC SIEVING EXPERIENCE

The Vacuum Sivtek is made with premium quality stainless steel and precise finishing to administer the highest level of hygiene and safety of the screening material.

► LEAD ANGLE SETTINGS

Change the lead angle settings as per the desired vibrating motion.

► ENCLOSED DESIGN

Performs dust free operation while sieving & filtering.

► CONVENIENT INSPECTION WINDOW

To peek into the enclosed machine, we have installed inspection windows at convenient spots.

► HIGH VIBRATION

High vibration of vibro sifter comes from the heart of the sifter, that is SIVTEK'S vibratory motor.

TYPES OF SCREEN RING SUPPORTED

► SANDWICH SCREEN RING

Sandwich screen ring comes with bolting system arrangement which will enable the mesh frame to reuse & change mesh cloth in lesser time.



► US-FDA COMPLIANT RING

US-FDA Compliant ring used for screening hygienic products delivers better mesh tension & better efficiency.



► STANDARD SCREEN RING

SIVTEK screen ring comes with smooth surface finish. It can be customized as per the requirement and the application.



MATERIAL HANDLING

► POWDER TRANSFER SYSTEM



CAPACITY ENHANCERS

► MESH DEBLINDING KIT

Mesh Deblinding Kit is an excellent anti-blinding device which primarily works on elastomeric balls that can conveniently eradicate any fine particle. Due to the vibrations of the machine, the balls start bouncing and prevent the screening material from getting clogged in and around the sieve.



► CLEAN IN PLACE

Clean in place is a method of automated cleaning the interior surface of the vibro screen and filters and associated fittings. The CIP is used for cleaning, unclogging, de lumping of the mesh screen or the related fittings.



INDUSTRIES & APPLICATIONS WE SERVE



GLASS & CERAMICS

- Silica
- Alumina
- Glass Powder
- ALC Powder



FOOD & BEVERAGE

- Corn Starch
- Spices / Flour
- Grains / Seeds
- Baking Soda



PHARMA

- Pharma powder
- Syrup
- Homeopathy
- Herbal / Ayurvedic



INKS & PAINTS

- Liquid Paint
- Powder Paint
- Grinding Media
- Printing Ink



AGRICULTURE & FERTILIZER

- Cattle Feed
- Tobacco
- Urea
- Npk



FMCG

- Detergent Powder
- Soap Noodles
- Talcum Powder
- Tooth Powder



CEMENT & SAND

- Quality Check
- AAC Blocks
- Garnet Sand
- Silica Sand



CHEMICAL & PIGMENT

- Epoxy / MBS Resin
- Pigments
- Activated Carbon
- Charcoal



MINERAL & METAL

- Metal Powder
- China Clay
- Calcium Carbonate
- Quartz



PAPER & PULP

- Pulp Recovery
- Black Liquor
- Coating Solutions
- Starch Solutions



PLASTIC & POLYMERS

- PVC Resin Pellet
- Polyethylene Powder
- Master Batch
- Latex



WASTE WATER

- Water Recycle
- CIP Recycling
- ETP water
- De-watering

Many More...

SCREENING APPLICATIONS

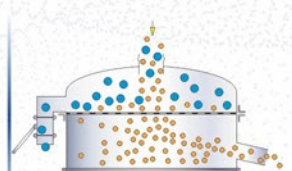
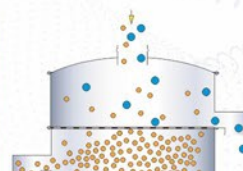
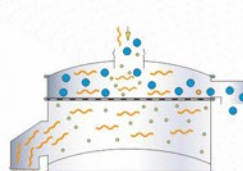
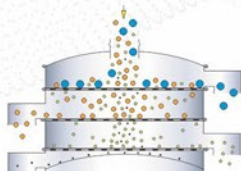
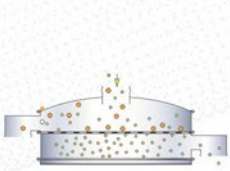
SIFTING

GRADATION

FILTRATION

CHECK
SCREENING

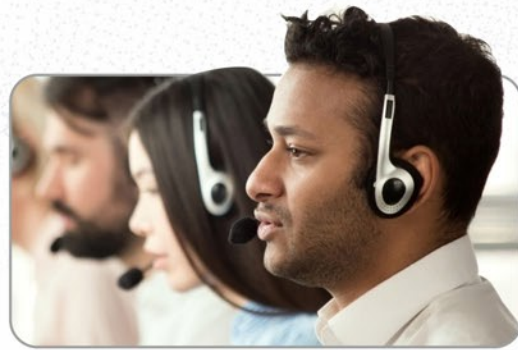
DEAGGLOMERATING



AFTER SALES SERVICES

24 x 7 CUSTOMER SUPPORT

Galaxy sivtek is committed to provide you 24x7 customer support on your sieving and filtration challenges. We are bound to assist you before and after purchase of our sieving and filtering solutions. We also offer genuine after market spares to ensure that your production lines are always running. Get in touch with our team at any time.



INHOUSE & ON SITE TRIAL FACILITY

Galaxy Sivtek conduct on site trial for processing industries, so that they can make appropriate decision to choose from the wide range of our Sivtek sifters and filters. Till date, we have successfully conducted more than 25k+ trials for 12+ industries ranging from food & beverage to the chemical industry, pharmaceutical to mineral & metal industry.

MACHINE HEALTH CHECKUP

We work as your sieving & filtering solution partner! Our highly skilled & trained experts are at your service. We at Galaxy Sivtek help our clients in identifying how their machines are performing in the processing line, by conducting a machine health check-up. It will help them to analyse and take appropriate decisions.



TECHNICAL TRAINING

Training programs are conducted by Galaxy Sivtek to educate every technician or operator at your premises. In house & on site training program helps your operator to understand that how to operate, service & maintain the sieving & filtration equipment. Galaxy Sivtek also train them on how to detect & prevent physical hazards that may effect the sieving process.

COMMITTED GLOBALLY



SIEVING & FILTERING Solutions Galaxy Wide

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