



Sifting, Screening & Filtration Solutions for **PROCESSING INDUSTRIES**

INLINE SIVTEK

Inline Sivtek a safety screening machine offers high capacity of wet or dry scalping in a low headroom design. The low profile separator has a single vertically mounted motor to generate a sifting motion across the screen area.



FUNCTION

Inline vibro screening equipment lies in its acute design. Feeding inlet & material discharge outlet in the same centreline helps in reduction of screening time by reducing the movement of the material inside the sifter. Extracting the previous line, it's a low headroom gyratory screener for higher capacity & better efficiency.

Low Headroom

Inline Sivtek provides low headroom design which easily fits into the existing process line.

Centre In & Centre Out

Feeding inlet & material discharge outlet in the same centreline helps in reduction of screening time.

Mobility

Castor wheels are provided for easy in-plant movement.

Quick Screen Change

Changing the screen ring is quicker because of the easy clamping set.

FEATURES OF INLINE SIVTEK



Benefits of Inline Sivtek

Low Maintenance

Inline Sivtek does not require regular maintenance. As a result, the cost of maintenance is reduced.

Low Manpower

Inline Sivtek machine runs smoothly for a long time without any interruption and low manpower is needed.

High Throughput

Due to its center in-center out construction it reduces the movement of the material inside the sifter and hence increases throughput capacity.



SIVTEK VIBRO SEPARATOR

Also known as the gyratory separator is one of the peerless & optimum sieving equipment that is useful for almost all kind of screening, scalping, de-dusting, filtering & gradation applications. Vibro Separator provides effective, economical and efficient solution to numerous process industries. This separator is designed for precision screening operations to ensure quality separation.

FUNCTION

Vibro separator that stands out in the market for its uniqueness. The uniqueness here is termed in context with gyro separator's vivid advantages. It is a highly efficient sieve separator machine that offers maximum capacity in your current processing line, resulting best performance for the production to reach its desired level of output.

FEATURES OF SIVTEK VIBRO SEPARATOR



Lead Angle

Change the lead angle as per the desired sieving requirement.

High Power Vibratory Motor

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

Robust Construction

Sifter is made with high quality stainless steel and smooth finish.

Easy Mesh Changing

Sivtek Vibro Separator comes with easy mesh changing clamps which enables the operator to work smoothly.

Benefits of Sivtek Vibro Separator

Maximum Capacity

Vibrating sieve offers high throughput capacity to screen bulk solid, power & slurries.

Easy Handling

Ease in handling due to the automatic discharge of material & customized solution.

Accurate Gradation

Accuracy of sieved material is high due to its proper deck arrangement.

SIVTEK ROTO SIFTER

SIVTEK Roto Sifter is designed to meet high-capacity scalping and sifting for both large and small process applications. It is ideal for handling a wide variety of powder, granules and other free flowing materials.

FUNCTION

Roto sifter is high throughput power sifter and the best suited for applications where the high standard of hygiene is demanded. It also provides ease of operation and can be used on a variety of applications including classifying & de-dusting.

Ease in Placement

Available with installation castor wheels for easy movement inside plant if required.

Less Maintenance Time

Helps in quickly removing & reinstalling of internal sifter parts for cleaning, changing or for any type of maintenance.

Dust Free

Has an enclosed, dust free & sanitary design that enables the operator's safety, hygienic working environment and reduces the risk of any airborne contamination.

Compact Design

The flexible and compact design of Sivtek Roto Sifter fits neatly in your current production line to provide you enough space for other ongoing activities.

FEATURES OF SIVTEK ROTO SIFTER



Benefits of Sivtek Roto Sifter

Easy Screen Inspection

Roto sifter comes with inspection window which will help you to check whether the screening is done properly or not.

Dust Free

The dust free design enables the operator's safety, hygienic working environment and reduces the risk of any airborne contamination.

Easy to Clean

Help of knob, removal of the internals of sifter for cleaning becomes quick & easy.

LINEA SIVTEK

Linea Sivtek for screening slurries & dry products works on high G-force and allows maximum material to pass through as compared to circular motion separator.

FUNCTION

Linea Sivtek is invented to handle high feed flow, where the application needs to be screened in huge capacity. It supplies maximum throughput with accurate gradation. Linear vibrating sieve machine comes with an easy clamping system that allows the operator to easily clean the mesh if required. Linear vibratory screen separator can also be customized with CIP system to clean the mesh easily compared to manual cleaning.

FEATURES OF LINEA SIVTEK



Dual Motor

Comes with dual motor vertically mounted to each other for proper vibration flow.

Customized CIP (clean-in-place) System

Can be customized into the lid of the separator and cleans the mesh area when needed.

Dual Deck

A dual deck horizontal sifter which allows the material to screen and grade accurately.

Heavy Duty Operation

The Linea Sivtek is designed to operate for large production capacity so that it can handle heavy flowrate of the material.

Benefits of Linea Sivtek

High Efficiency

Due to its larger screening area, it gives high efficiency of the material while sieving.

High Throughput

Linea Sivtek is ready to give the highest throughput compared to traditional sifters.

Improves Product Quality

Accurate gradation of material results in a high-quality final product.

SANITARY SIVTEK SEPARATOR

Sanitary SIVTEK Separator is specially designed to meet cGMP norms for highly quality conscious food & pharmaceutical manufacturing units for optimum performance.

FUNCTION

Inline vibro screener equipment lies in its acute design. Feeding inlet & material discharge outlet in the same centreline helps in reduction of screening time by reducing the movement of the material inside the sifter. Extracting the previous line, it's a low headroom gyratory screener for higher capacity & better efficiency.

Ease in Placement

Sanitary Sivtek is available with installation castor wheels for easy movement inside plant if required.

Crevice-Free Joints

All the weld joints at the corner of the pan are crevice-free ensuring no material is deposited & there is zero percent chance of material contamination.

Quality Build Up

Made up with the highest quality stainless steel i.e. SS 304 & 316L as per norms & guidelines of a various regulatory body like FDA & cGMP.

Quick Release Toggle Clamp

To keep the functioning & operation easy, the machine is powered up with quick release toggle clamps.

FEATURES OF SANITARY SIVTEK SEPARATOR



Benefits of Sanitary Sivtek Separator

Hygiene Operation

Constructed from FDA Compliant materials. Easy clean design, no crevices.

Enclosed System

Enclosed system removing the issue of airborne dust. Contamination-free from a manual interaction.

Improve Product Quality

Product quality maintained. Dust free, gentle dense flow and plug flow (segregation free)



Business Partner



SIVTEK SELF CLEANING FILTER

Sivtek Self Cleaning Filter is designed specifically to address the challenges associated with filtering materials in process industries. It works better than the traditional industrial strainers by automatically cleaning the mesh basket.

FUNCTION

Sivtek Self Cleaning Filter comes with a simple and robust design. This will help the manufacturer to rely on the filter after it is an installation in the processing line. Self cleaning filter works on Delta P principle i.e. on the pressure difference principle allowing a continuous filtering process in the processing line. Industrial experts consider automatic filter as the most qualified alternative to another contentional self cleaning strainer, cartridge filter, etc for more than one reason. But the most important of all of them is our filter enables a continuous 24x7 production process.

FEATURES OF SIVTEK SELF CLEANING FILTER



Auto Clean System

Comes with a cleaning disc that moves along the periphery of the mesh basket to clean the inner surface.

Filter Control System

Controls cylinder stroke which moves the cleaning disc & contaminant purging chamber valves.

Ease of Maintenance

Lowers the maintenance time and allows you to easily maintain the filtration unit for the cleanup or mesh change.

No Manpower Required

Provides you with a fully automated system that will run for a longer time without any manpower requirement.

Benefits of Sivtek Self Cleaning Filter

Maximum Capacity

Vibrating sieve offers high throughput capacity to screen bulk solid, power & slurries.

Easy Handling

Ease in handling due to the automatic discharge of material & customized solution.

Accurate Gradation

Accuracy of sieved material is high due to its proper deck arrangement.

MESH DE-BLINDING

FUNCTION

An Anti-Blinding contains elastomeric ball with the help of the vibration the ball start bouncing & prevent the mesh blinding. It comprises of a coarse mesh beneath the sizing mesh on which a sufficient number of elastomer or polymer balls are placed to continuously tap the sizing screen to remove dry particles of the material which is screened and increase screening efficiency.

FEATURES OF MESH DE-BLINDING

- Increase Efficiency
- Anti Lumping
- Improve Productivity
- Lowers Running Costs



STANDARD SCREEN RING

FUNCTION

Comes with smooth surface finish. It can be customized as per the requirement and the application.



FEATURES OF MESH DE-BLINDING

Longer Mesh Life

Precise & uniform tensioning on screen cloth eliminates the need of frequently cleaning the screen mesh enabling zero to minimal chances of human contamination & provides a longer screen mesh life.

Reusable

Reusable with help of proper remeshing with basic minimal tool.

Precise Tensioning

The screen mesh comes with uniform & precise tensioning enabling higher throughput & accurate & efficient sieving.

PNEUMATIC DECK LIFTING SYSTEM

FUNCTION

Pneumatic deck technology has been utilized to deliver a fail-safe interlocking safety system. The cylinders are locked perfectly in place, guaranteeing operator safety during maintenance. Even if the air supply to the machine is lost, absolutely no movement is possible.



FEATURES OF PNEUMATIC DECK LIFTING SYSTEM

Improved Usability

Easy-to-use integrated control unit, with a mobile storage device.

Easy to Upgrade

Retrofit table design easily fitted to any round separator.

Reduces Production Downtime

Easy to set up and use with just one operator.

Services Multiple Machines

Can be used on multiple separators, easily transferred from one to another.

INDUSTRIES

- FOOD & BEVERAGE
- FMCC
- PHARMACEUTICALS
- INKS & PAINTS
- AGRICULTURE & FERTILIZER
- GLASS & CERAMICS
- CEMENT AND SAND
- CHEMICAL & PIGMENTS
- MINERAL & METAL
- PAPER & PULP
- PLASTIC & POLYMERS
- WASTE WATER

Bulk And Fluids Engineering Sdn Bhd 200401031585 (670093-D)

MALAYSIA (HQ)

No 21, Jalan Cassia Selatan 3/3,
Taman Perindustrian Batu Kawan,
14110 Batu Kawan, Pulau Pinang.

KUALA LUMPUR (OFFICE)

B-8-6, Era Novum,
No.12A, Jalan Kerinchi Kiri 2,
59200 Kuala Lumpur, Malaysia.

JOHOR (Office)

Parc Regency, Residensi Masai,
09-19 Menara B, Jalan Masai Jaya 2,
81750 Masai, Johor.

THAILAND

Bafe System Engineering Co. Ltd.
123/61 Moo. 4 T.Krocksomboon
A.Srimahaphot, Prachinburi 25140

- + (6) 04-588 0072
- + 6 016-449 0932
- marketing@bafe.com.my
- www.bafe.com.my