

LINEA SIVTEK®



HORIZONTAL VIBRATING SCREEN

The most robust and reliable vibrating screen in the industry.

The Rectangular Separator revolutionizes how you screen difficult and tedious screening materials. The machine is embedded with dual convertible screening decks that allows you to thoroughly process huge screening quantities.

Numerous industries have adopted our horizontal vibrating screen for their efficiency and productivity in screening materials including wet, sticky, and abrasive.

The ingenious design of Sivtek Rectangular Separator allows to increase to increase feed flow while maintaining the purity of your screening material. Regardless of the screening material, screeners will allow you to screen each particle efficiently.

Horizontal vibrating screens are available in two types, one being the Linea Sivtek and another being the Sivtek Rectangular Separator®. The two are designed for different vibration patterns and for different movements of material on the screen.

The two motor shafts on the Linea Sivtek® are attached at an inclination angle with respect to the motor shaft. The synchronized rotation of the two motors generates exciting force by the eccentric block, which cancels each other in a parallel direction from the motor axis. The stacking force acts perpendicularly to the motor shaft, which moves the material in a straight line. Here the adjustment of the motor angle helps in achieving the 3-dimensional motion most suitable for the application and screen time.

BENEFITS



ENHANCES PRODUCT QUALITY

With the accurate gradation results, preserving the material from contamination ensures that the product remains in its optimum quality.



OPTIMUM OUTPUT

The Linea Sivtek provides optimum and higher quality output in comparison with any other conventional screening machine.



LOWER MAINTENANCE

With most of the processes being automated and longer-lasting wear parts, it is considerably easier to maintain and clean this machine.

KEY COMPONENTS

OUTLET

Allows easy discharge of the oversize and undersize material



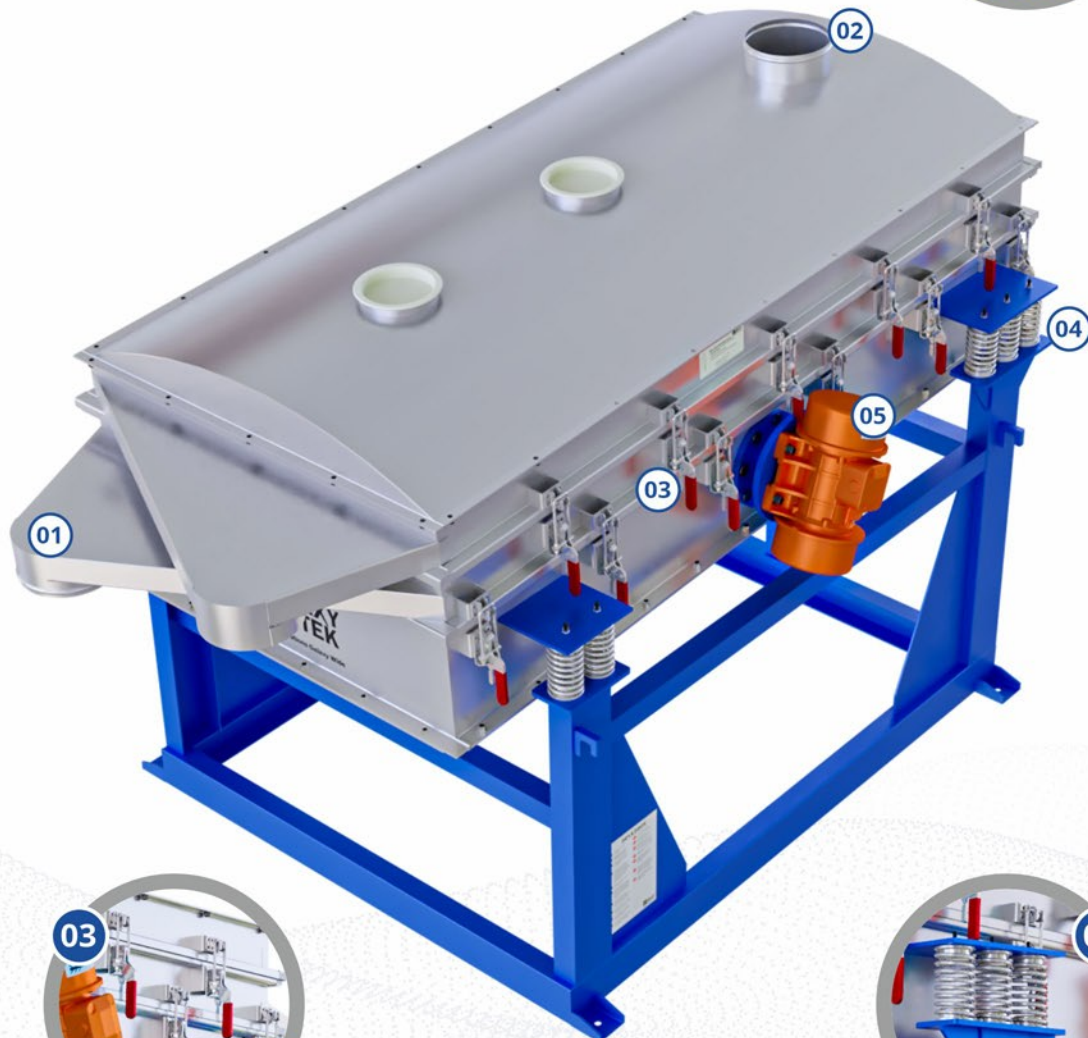
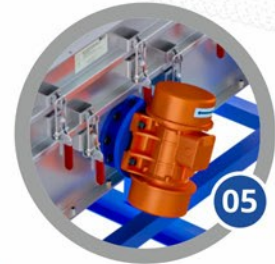
INSPECTION WINDOW

It comes with an inspection window that enables a 360° view of screen mesh & eliminates the need of disassembling the screen mesh.



MOTORS IN SIDES

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



TOGGLE CLAMP

Clutch the screen ring between both the upper & lower deck of the Linea Sivtek.



SPRINGS

Set of springs to support the machine vibration.

FEATURES

▶ SIDE MOUNTED TWIN MOTORS

The machine has two side-mounted motors which are vertically mounted to ensure proper vibration flow.

▶ ADJUSTABLE POWER DISTRIBUTION

Linea Sivtek also allows you to adjust the power distribution according to your required production conditions.

▶ EASY CLEANING

With multiple options and knobs to disassemble the machine, it is very easy to clean the machine.

▶ CONCEAL SYSTEM

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

TYPES OF SCREEN RING SUPPORTED

▶ BOALTED SCREEN RING

The Linea Sivtek comes with a bolted screen mesh arrangement which maintains mesh tension throughout the screen.



▶ 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

▶ CUSTOMIZED HOPPER



▶ SCREW CONVEYOR



▶ BUCKET ELEVATOR



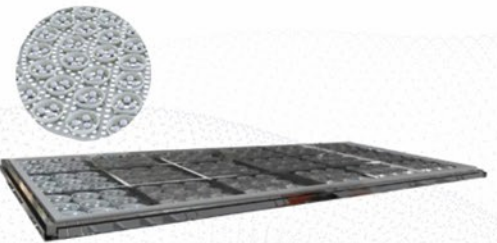
▶ POWDER TRANSFER SYSTEM



CAPACITY ENHANCERS

▶ MESH DEBLINDING KIT

MDK is an anti-mesh blinding device that contains elastomeric balls & sliders which when vibrates prevents the mesh choking.

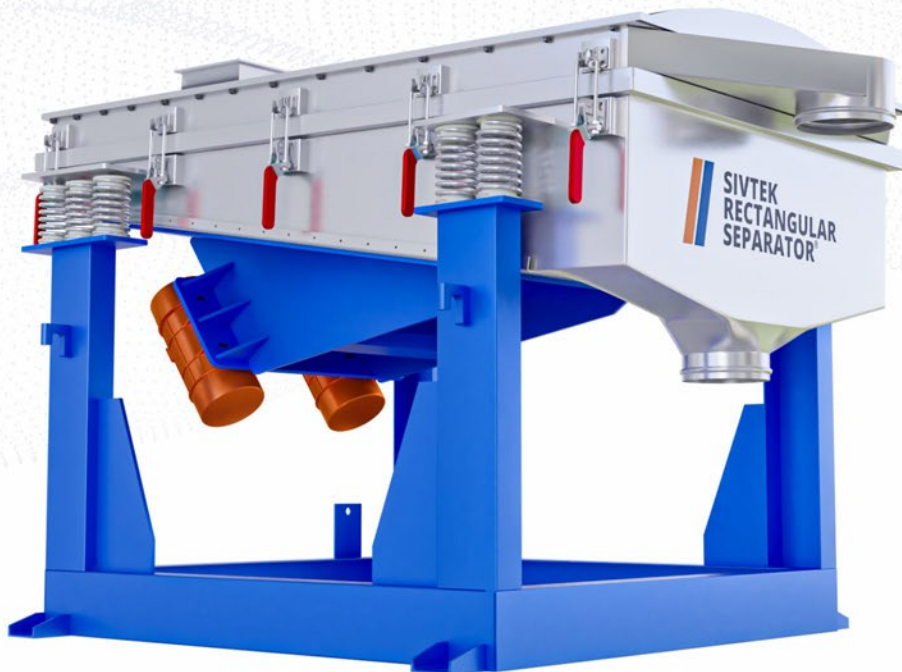


▶ CLEAN IN PLACE

The CIP system for the rectangular separator is arranged in a linear design inside the upper deck to easily clean the mesh.



SIVTEK RECTANGULAR SEPARATOR®



WORKING

The most ingenious aspect of Sivtek Rectangular Separator®'s design is the placement of the dual motors. Being attached at the rear end of the screening deck, the two motors allow you to produce synchronized vibrations that generate exciting forces on the screen. This makes the particles move in a straight line, as the stacking forces act perpendicularly to the motor shafts. When these exciting forces are combined with the self-gravity of the material, the machine through the screening material upwards in a linear motion on the screen surface.

ADVANTAGES

▶ CUSTOMIZABLE GRADATION

Sivtek Rectangular separator gives you full control over the particle size and gradation to assure you of the desired final product.

▶ 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.

▶ COST

The strong and sturdy machine is low in cost and delivers very high output, compared to all the machines available in the market.

▶ ADJUSTABLE POWER DISTRIBUTION

Sivtek Rectangular separator also allows you to adjust the frequency, time and the level of vibration required for the material on the screen.

INDUSTRIES & APPLICATIONS WE SERVE



FOOD & BEVERAGE

- Confectionery
- Spices / Flour
- Grains / Seeds
- Edible Oil



FMCG

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



PHARMA

- Pharma powder
- Syrup
- Homeopathy
- Herbal / Ayurvedic



INKS & PAINTS

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



AGRICULTURE & FERTILIZER

- Cattle Feed
- Tobacco
- Urea
- Npk



GLASS & CERAMICS

- Clay Slip
- Glaze
- Ceramic Powder
- Glass Sand



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

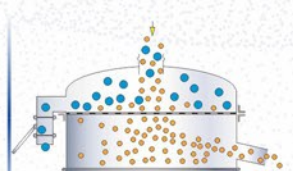
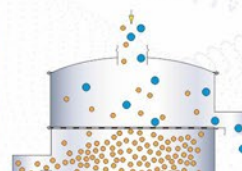
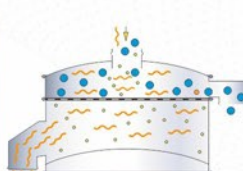
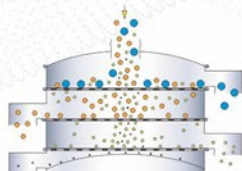
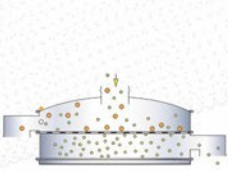
SIFTING

GRADATION

FILTRATION

CHECK SCREENING

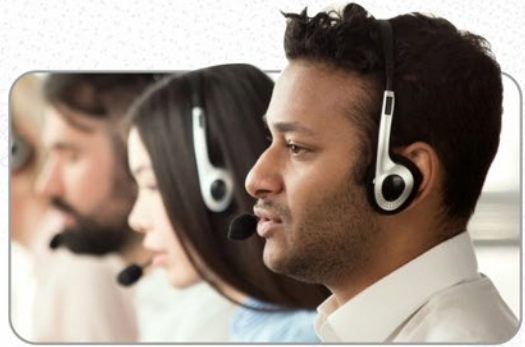
DEAGGLOMERATING



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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