

SIVTEK 360° DISCHARGE SEPARATOR®



A 360° SOLUTION FOR LIQUID FILTRATION

Introducing the SIVTEK 360° Discharge Separator®, a unique, high-capacity, and highly efficient liquid-to-solid separator that can separate suspended solids from the liquid.. Industry experts laud its ample screening capacity and excellent quality.

A unique design of this SIVTEK 360° Discharge Separator® allows oversized particles to be discharged 360 degrees around the screen periphery. A machine's discharge capacity is substantially increased since oversized particles do not collect on the screen's perimeter.

SIVTEK's 360° Discharge Separator® gives you the best grading results with increased productivity. Reduced blinding and longer mesh life contribute to high screening efficiency.

In terms of performance and efficiency, the SIVTEK 360° Discharge Separator is one of the best industrial liquid filters. A 360° rotation of the screening material allows this machine to seamlessly discharge oversize particles. With the inclined screening motion, oversized particles don't get gathered at the screen's edges, so it increases discharge capacity.

It works seamlessly no matter what the workload is. This machine consumes less energy and discharges oversized particles continuously. Thus, it is very cost-effective.

BENEFITS



CONTINUAL PERFORMANCE

With its self-cleaning and de-clogging mechanism, SIVTEK 360 can work for elongated hours, without any interruption and provides the best quality finished product.



24x7 CONTINUOUS PROCESSING

The most impressive property of our product is the 24x7 capacity to continuously process the substance, without taking a break.



COST EFFICIENT

As the machine consumes lesser power than other machines, it reduces your costs exponentially.

KEY COMPONENTS



OUTLET

Allows easy discharge of the oversize and undersize material.



SCREEN RING

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



BOLTED CLAMP

Clutch the screen ring between both the upper & lower deck of the 360 discharge Separator.



SPRINGS

Set of springs to support the machine vibration.



VIBRATORY MOTOR

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

FEATURES

▶ MULTIPLE APPLICATIONS

The 360° discharge separator can work for both dry and wet applications.

▶ HIGHLY EFFICIENT SCREENING EXPERIENCE

The machine's design equally discharge particles on the screen, which optimize the area usage and increases the throughput.

▶ HIGHEST QUALITY OF MATERIAL

The 360° discharge separator is made with highest quality of material to maintain the hygiene quality of the product and prevent contamination.

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.



▶ 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 LID



▶ CUSTOMIZED HOPPER



▶ CUSTOMIZED UNDERPAN



CAPACITY ENHANCERS

► SIVTEK OTLAC®

The Sivtek OTLAC® is known as the no tool kit design as it helps to adjust lead angle at various degrees without help of any tool!



INDUSTRIES & APPLICATIONS



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



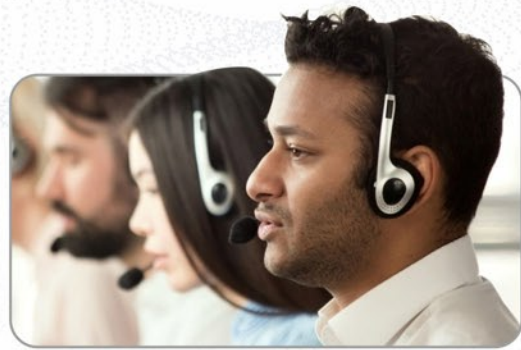
WASTE WATER

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

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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