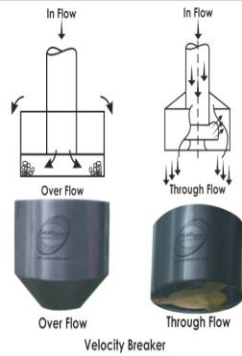


## Options

### Velocity Breaker

It helps to reduce direct impact on the mesh by breaking velocity and helps to increase mesh life. The size of the arrangement is customised to meet your needs.



### Cover with Pneumatic Lifting

A specially designed cover with pneumatic lifting and lowering function helps quick access and easy changing of the screen on single or multiple-deck machines.



CIP

### Cover with Clean In Place (CIP) System

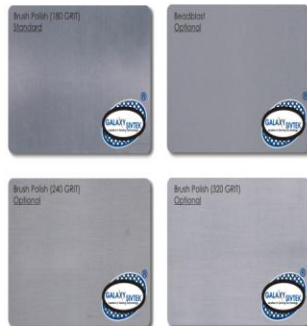
The CIP system comes with nozzles provides multidirectional spraying of cleaning and rinsing fluids to clear the mesh screen in place for maximising output and minimising downtime.

### Motor Option

Standard motors are available with IP 55 certified enclosures and Class F Insulation ATEX Approved motors are also available.

### Options for Surface Finish of Contact Parts

Four different surface finishes are available to serve customer needs.



Always ask for authentic Galaxy Sivtek After Market Parts to keep your machines running & maximise your production.

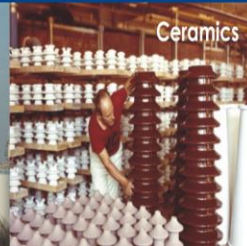
Visit our website [www.galaxysivtek.com](http://www.galaxysivtek.com) to find out how the Sivtek Separator can assist in overcoming your screening and separation problems to maximise the performance of your plant.



### Chemicals



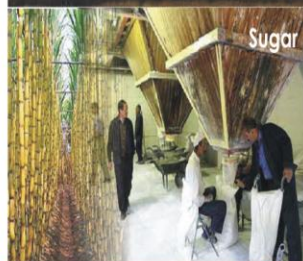
### Ceramics



### Food



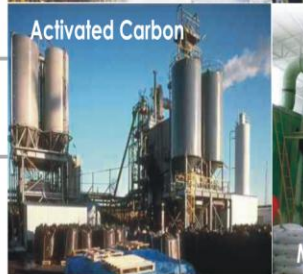
### Sugar



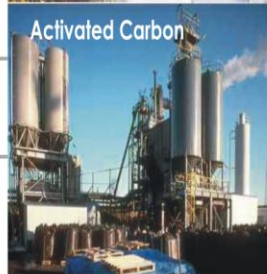
### Minerals



### Paper



### Activated Carbon



### Polymer



### Metal Powder & Abrasives



[www.galaxysivtek.com](http://www.galaxysivtek.com)

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[www.galaxysivtek.com](http://www.galaxysivtek.com)

# The SIVTEK® Vibro Separator



[www.galaxysivtek.com](http://www.galaxysivtek.com)



Precise sizing of material without compromise

Suitable for  
POWDERS  
and LIQUIDS

- High throughput rates
- Efficient fine mesh sieving
- Low running Cost
- User Friendly

ISO 9001  
BUREAU VERITAS  
Certification



GSPL/GSB/16/01/2014@Specification subject to change without prior notice.



# Solve your screening and grading problems with the SIVTEK® Vibro Separator



## Granule, Powder & Liquid Separation

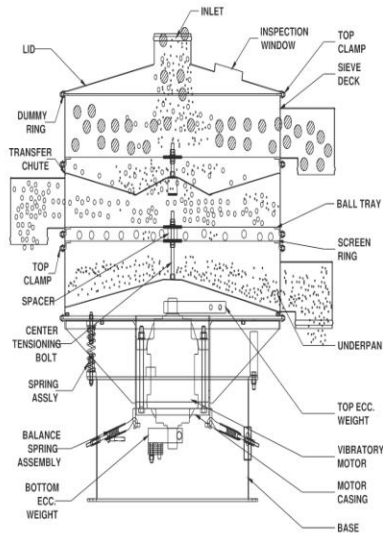
Sizing, Scraping, Check screening, De-watering or filtering, whatever your specific needs, the SIVTEK Vibro Separator can provide cost-effective solutions.

## Multi Separation

Based on classification requirements, up to 4 screens can be mounted on 1 separator, providing up to 5 separations in a single operation.

## Best quality in its class

The consistency of product quality is assured by stringent quality norms set by SIVTEK'S quality department.



\* Schematic Diagram, for reference only

## User Industries / Application

<b>Paper</b> <ul style="list-style-type: none"> <li>• Black Liquor</li> <li>• Coating Solutions</li> <li>• Starch Solutions</li> <li>• Back Water</li> </ul>	<b>Metal &amp; Minerals</b> <ul style="list-style-type: none"> <li>• Metal Powder</li> <li>• China Clay</li> <li>• Bentonite</li> <li>• Calcium Carbonate</li> <li>• Silica Sand</li> <li>• Garnet Sand</li> </ul>
<b>Sugar</b> <ul style="list-style-type: none"> <li>• Mixed Juice</li> <li>• Clear/filterate juice</li> <li>• Sugar Melt</li> <li>• Sugar Crystal</li> </ul>	<b>Plastic &amp; Rubber</b> <ul style="list-style-type: none"> <li>• PVC Resin pellet</li> <li>• Polyethylene Powder</li> <li>• Master Batch</li> <li>• Latex</li> </ul>
<b>Chemicals</b> <ul style="list-style-type: none"> <li>• Epoxy/MBS Resin</li> <li>• Pigments</li> <li>• Activated Carbon</li> <li>• Fertilizer</li> <li>• Pesticides</li> </ul>	<b>Food &amp; Food Ingredient</b> <ul style="list-style-type: none"> <li>• Confectionery</li> <li>• Spices/Flour</li> <li>• Grains/Seeds</li> <li>• Dairy</li> <li>• Animal Feed</li> <li>• Starch</li> <li>• Cocoa</li> <li>• Edible Oil (Palm Oil)</li> </ul>
<b>Ceramics</b> <ul style="list-style-type: none"> <li>• Clay slip</li> <li>• Glaze</li> <li>• Ceramic Powder</li> </ul>	

Visit our website [www.galaxysivtek.com](http://www.galaxysivtek.com) for more information on applications

## Capacity Enhancer

### # SIVTEK Maximizer® Deck

The Maximizer Deck can be retrofitted to existing machines or supplied on new machines to further improve production capacity by over 50%. It is suitable for most types of sieving and separation applications and can help to rejuvenate your existing machines.

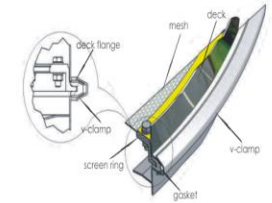


Maximizer Deck

## Customer Benefits

### Perfect Clamping:

Perfect Clamping between the Deck Flange, V-Clamp & Profiled Gasket ensures excellent sealing during operation and increases the life of the components.



### Quick change clamping mechanism

SIVTEK vibro separators are equipped with toggle clamps to enable the user to dismantle or assemble the separators within a few minutes.



Toggle Clamp

## Material Flow Pattern on the screen/mesh

Material Flow Pattern	Lead Angle	When to use
	0°	Quick Separation of easy screenable material dedusting
	45°	Common dry separation
	90°	Check screening & De-watering

## Mesh cleaning options

### # Mesh De-blinding Kit

When screening particles close to the size of the mesh aperture, particles can become trapped in the mesh screen. This is known as 'blinding' & can reduce rates considerably. Fitting a Mechanical Mesh Deblinding Kit dislodges the trapped particles maintaining optimum screening efficiency. Separate ball tray & ring tray also offered.



### # Vibrasonic® Deblinding System

Enable you to sieve your powders on finer meshes with more accuracy than ever before. This improves the quality of your final products as well as their value. VDS eliminates the blinding & blocking of mesh.



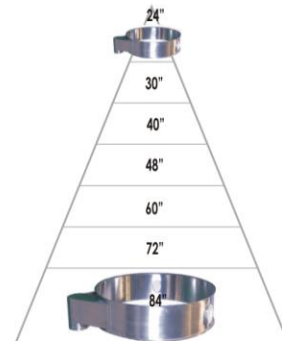
### Magnetic Separator

Unwanted iron particles from up stream processes such as milling can contaminate your final product. This can be fitted for safeguarding your product quality.



## Six standard sizes to meet your sieving and separation needs

# The Galaxy Sivtek Vibro Separator is manufactured in six standard sizes to match the requirements of a diverse range of applications and throughput rates : 24" (600mm), 30" (750mm), 40" (1000mm), 48" (1200mm), 60" (1500mm), 72" (1800mm) and 84" (2100mm) diameter.



## Material Trial & Test Facilities

In our 20 years of experience we have gained knowledge of most materials and understand the importance of testing materials and the equipment. We make machines available for testing in our customer's plants and also provide testing under controlled conditions at our test facilities. Tests are documented and reported to our customers. We offer confidentiality to our customers relating to their specific products.



### Quick Mesh change systems (Optional)

The sandwich screen ring™ is to allow the user to change the mesh cloth within 20 minutes without the use of any adhesive.



Sandwich Screen Ring™

### Accurate Mesh tension

A standard type of screen is available where the mesh is bonded to the screen frame by an adhesive. The correct tension of mesh is assured by measurement with mesh tensioning equipment to provide optimum performance and efficiency.



Mesh tension checking with tension meter