

# Gericke

Powder Processing Equipment & Systems

## Efficient Particle Size Classification & Product Screening



### Gericke In-Line Centrifugal Sifters for Dilute Phase Pneumatic Conveying



For over 100 years Gericke have earned an enviable reputation in the field of Solids Handling for their process know how, quality, efficiency and the reliability of equipment.

This is typified by the range of Centrifugal Sifting machines which have been used in countless applications to avoid product contamination and to ensure the consistent quality of finished product.

Using this vast experience Gericke have developed the highly effective In-Line Centrifugal Sifter specifically designed for direct installation into Dilute Phase Pneumatic Conveying Systems.

The In-Line Sifter is suitable for both Positive Pressure Blowing and Negative Pressure Vacuum Systems.

Designed for pressure ranges from -0.6 Bar.g to +1.0 Bar.g the machine provides a cost effective solution for the removal of tramp materials after sack and FIBC unloading, bulk storage and for applications where head height is limited.

The Gericke In-Line Sifter is available in both Carbon and Stainless Steel constructions with hygienic design and FDA approved paint system for use in the food, pharmaceutical and chemical industries.

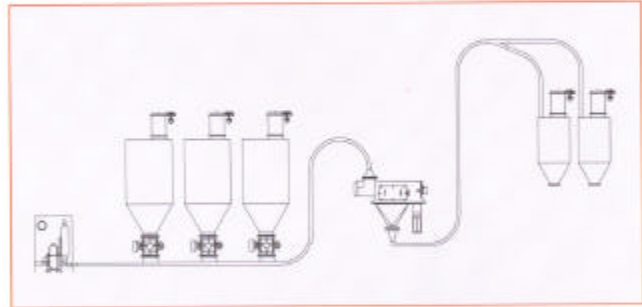
## In-Line Sieving Applications

### The benefits of In-Line Sieving include:

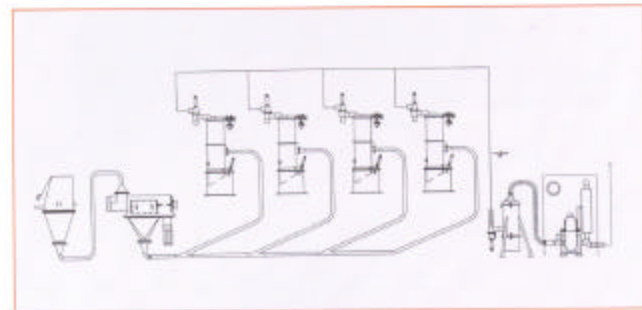
- The opportunity to use a single conveying line without breaking the system to include the sifter.
- Compact design and low height requirement suitable for installations such as Bakeries and silo blocks.
- Flexibility of plant design. The machine can be placed anywhere in the system.
- Excellent maintenance access as the unit can be placed at floor level.
- Automatic removal of oversize product from the sieving chamber.
- Robust but lightweight construction
- Good access for cleaning and validation

### Machines available for trial at clients' premises or at our test centre.

Gericke Sifters are designed and manufactured utilising the most modern laser cutting technology and up to date process expertise.



DILUTE PHASE BLOWING SYSTEM  
Bulk Storage to process through In-Line Sifter



SACK TIPPING, IN-LINE SIEVING AND VACUUM DISTRIBUTION

## PRODUCTS PROCESSED

Flour  
Salt  
Sodium Bicarbonate  
Ammonia Bicarbonate  
Milk Powder  
Sugar  
Starch

Demerara Sugar  
Stearate  
Casein  
Resins  
Detergent Powders  
Phosphates  
Petfoods



722 Centrifugal Sifter

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