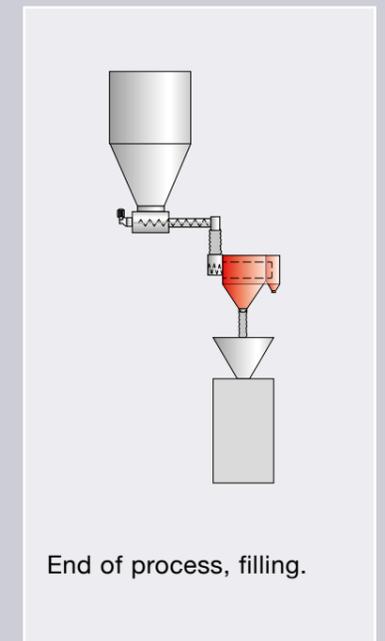
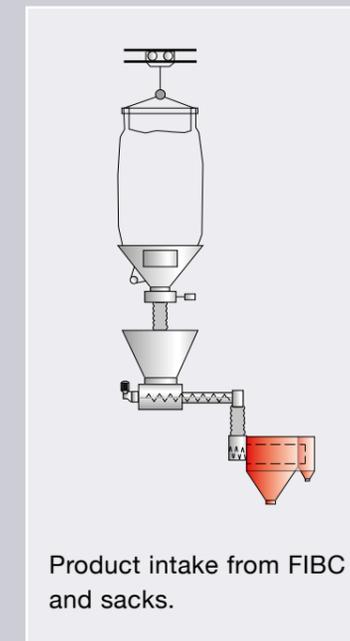
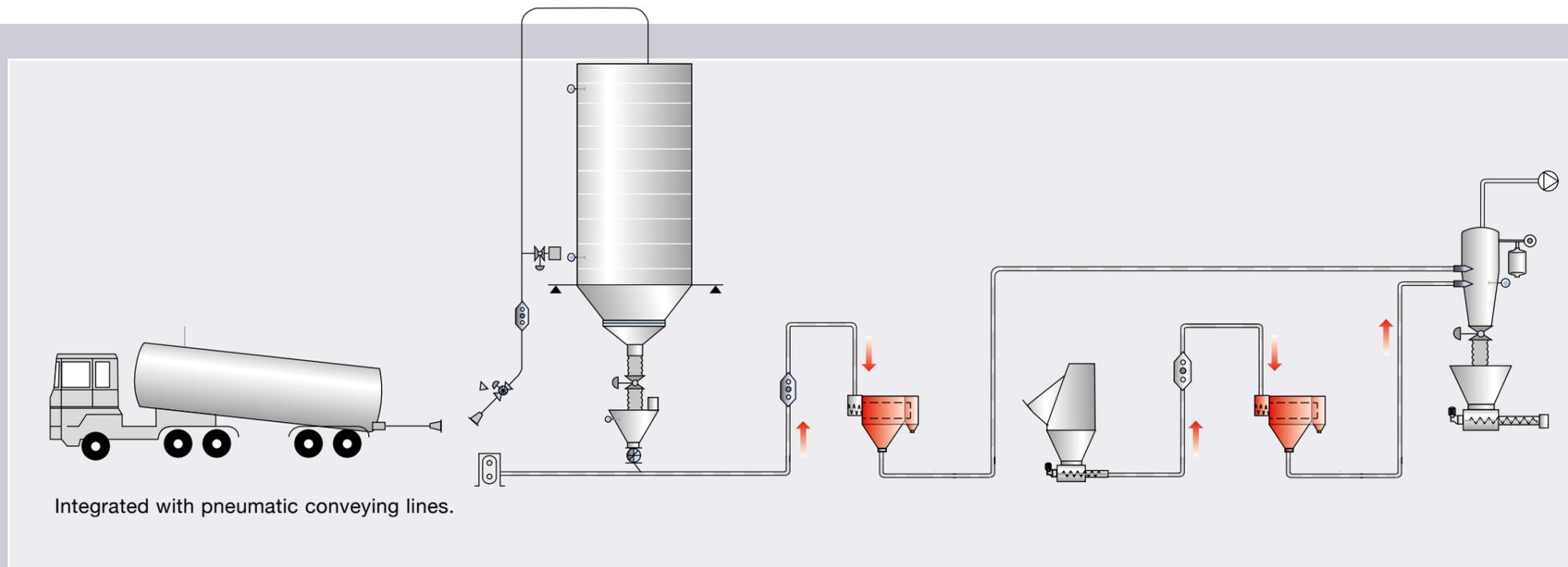


## GERICKE GS CENTRIFUGAL SIFTING AND SIZE CONTROL

Can you afford not to have a sifter? Gericke's advanced sifter technology delivers unmatched performance in particle separation and foreign body removal, ensuring precise and reliable results for a wide range of industries. Whether you need fine particle control or contamination-free processing, these sifters offer a robust solution designed to meet the highest industry standards for quality and safety.



# IMPROVE PRODUCT QUALITY AND PROTECT YOUR PROCESS



## Why a Gericke Sifter?

- High capacity / high efficiency
- Robust and reliable construction
- Quick change-over of screens without special tooling
- Ease of maintenance
- Pressure rated design for in-line applications
- Dust tight construction
- Low levels of vibration: no need for flexible connections to inlet or outlet

## Applications

- Policing and scalping of Raw Materials after discharge from sacks or boxes
- Two part classification and separation
- De-dusting: removal of fine particles from main product mass
- Re-claiming materials after de-packing
- Final security screening before packing or bulk out-loading
- De-watering: separating solids and liquids
- Inline sifting in vacuum or positive pressure conveying lines

## Centrifugal sifting is a process for separating bulk material into two streams of product.

- Centrifugal Sifters are designed for use with a controlled in-feed
- Gericke recommend fitting a level probe to the outlet hoppers
- Sifters are most efficient with an unrestricted air-flow through the machine
- Restricted end plates are available to improve efficiency and reduce over-tails
- Gericke will work with you to advise the optimum Sifter set-up to suit your application

## Sifter capacities

Products	Capacity Range	Typical Mesh size
Flour	130 – 80000 kg/hr	400 - 6000 $\mu$
Starch	300 – 20000 kg/hr	100 – 2000 $\mu$
Spices	500 – 8000 kg/hr	600 – 3000 $\mu$
Milk Powder	400 – 20000 kg/hr	100 – 3800 $\mu$
Cosmetics	500 – 8000 kg/hr	630 – 1000 $\mu$
PVC	130 – 8000 kg/hr	125 – 3000 $\mu$
Detergent / Soap powder	1100 – 2700 kg/hr	500 – 1700 $\mu$
Phosphates	1200 – 7000 kg/hr	125 – 4000 $\mu$
Gypsum	1000 – 20000 kg/hr	200 – 500 $\mu$
Sugar	100 – 9800 kg/hr	215 – 4000 $\mu$

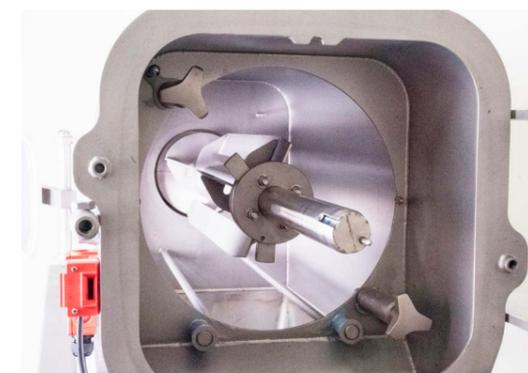
Figure shown are based on trials using GS722 sifter.



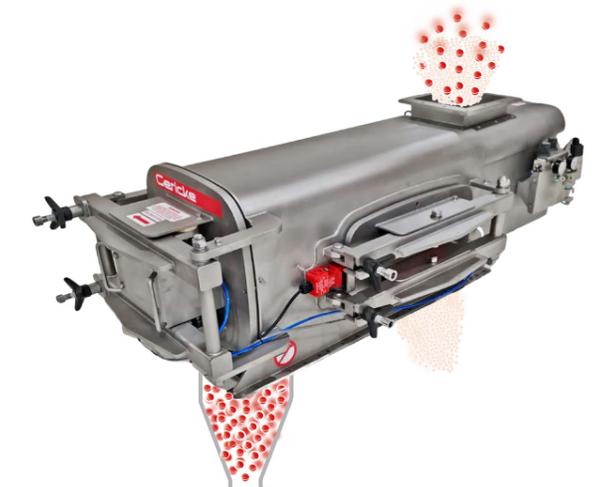
360 degree basket and screen inspection.



Positive basket location and screen positioning.



Maximised access for cleaning.



# Dimensions (mm)

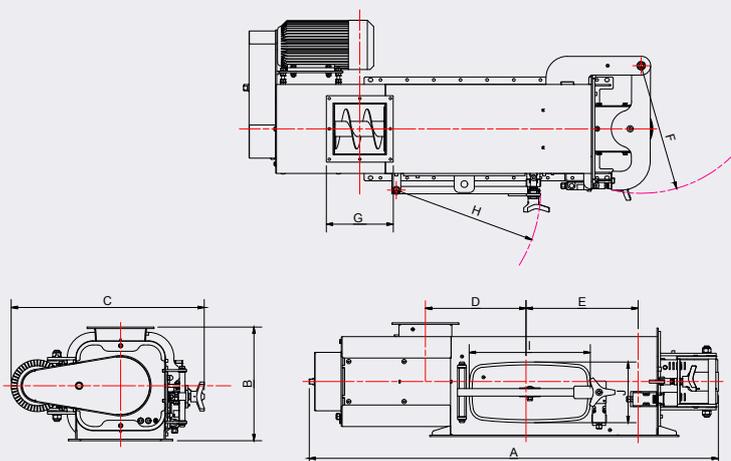
Model	GS4-722 / 1022	GS4-1130	GS4-1542	GS4-1542 Twin
A	1626	2054	2461	2461
B	455	680	800	1135
C	768	870	1038	1745
D	400	530	705	705
E	445	635	725	725
F (RAD)	511	638	759	759
G (Square)	266	336	486	486
H (RAD)	573	873	873	873
I	482	702	702	702
J	243	353	353	353
Q	-	-	-	700

**ATEX**



Full ATEX type certification available for safe area, Zone 22 and 21 external and Zone 20 internal.

The full range of screens can be adapted for use within ATEX applications, including; HD Nylon, Polypropylene, Carbon Fibre, Perforated plate and Wedge Wire, taking into account risks such as propagating brush discharging.



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