

## Product Specification

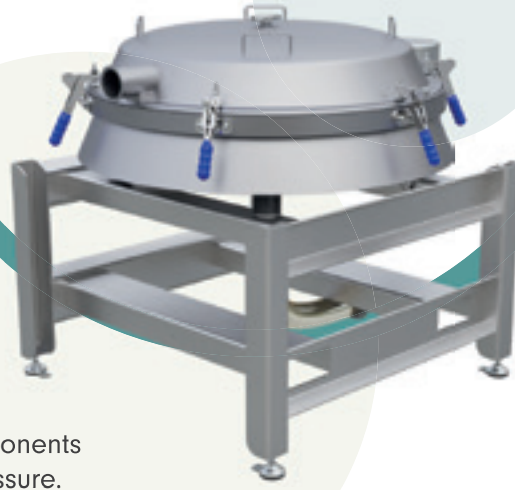
Check Sieving

# Slimline Vacuum & Pressure Range

A range of sieves designed to be connected to a vacuum or positive pressure conveying system.

The Sievmaster Vacuum and Pressure Range, otherwise known as the **Vacusiev**, utilises specially modified components to safely screen product under vacuum or positive pressure.

The flexible hose system and sieve are connected under vacuum to retain the product within, protecting both the operator and surrounding atmosphere. These sieves are suited for check screening toxic, very fine, or dusty material, the larger 950 and 1250 models can be used within a pressure transfer system as well as under vacuum.



**sm sievmaster**  
by farleygreene

## Features & Benefits

- Available in 550, 950, or 1250mm diameters
- Easy-Clean hygienic design
- Conforms to CE, UKCA, FDA, EC 1935/2004 and ANIA regulations
- Rated ATEX zone 21 II 2 D
- Wet or dry applications
- Dust and waterproof to at least IP65
- Radial inlet as standard
- Quick release direct earthing kit included as standard
- All stainless steel body and contact parts
- Enclosed system, removing the issue of airborne dust or contamination
- Low maintenance/running costs – tool free disassembly & minimal servicing

### Industries:



## Product Options\*

**Ultrasonic upgrade** - eliminates mesh blinding.



**Oversize Outlet Connection to Butterfly Valve** - pneumatically actuated.



**Underscreen magnet** - with optional silicone covers.



**BFM Oversize Connection** - in 304 or 316 Stainless Steel.



**Open Section Frame** - a hygienic design to minimise product build up.



**C-frame** - can be maneuvered in and out of awkward spaces (550 model only).



**Inlet Orientation** - tangential type available.



**Upgrade to ATEX zone 20 II 1D (internal) and ATEX zone 22 II 3D (external).**



\*More options available on request

## Typical Materials

- Very fine, dusty materials used in the food, beverage, chemical, and pharmaceutical industries.

## Finishes available

- **Dressing of External Welds** - gallery & funnel.
- **External Dull Polish** to <0.8 Ra
- **VivateQ® / Sublimation Finish**
- **Pharma Polish** - to <0.25 Ra internally and externally.

## Certified Technology



1

2

3

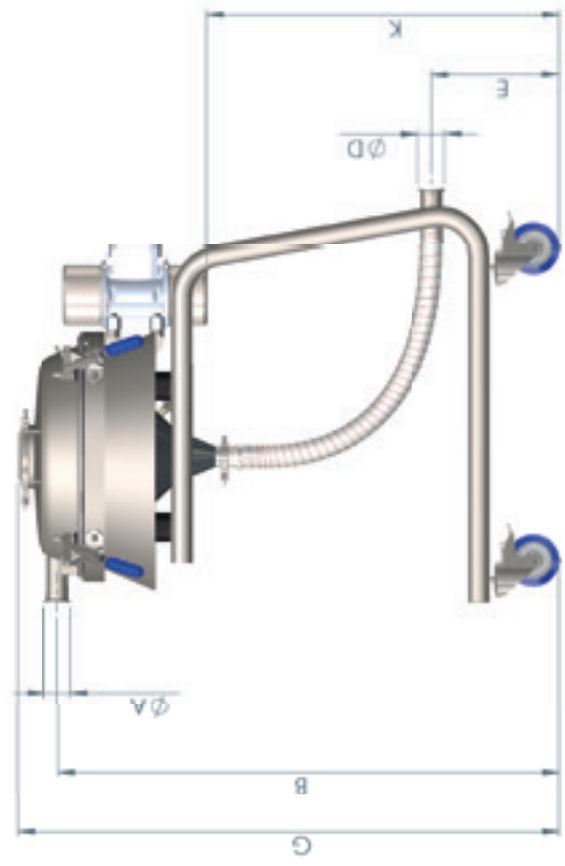
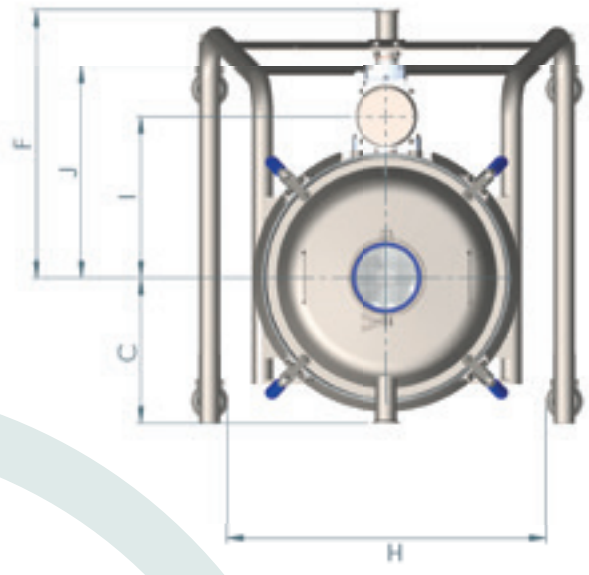
4

5

6



**SM SLIMLINE 550 VS**



DIMENSION	SM 550 VS
A	DN 50 DIN32676
B	1205
C	350
D	DN50 DIN32676
E	307
F	646
G	1300
H	765
I	388
J	508
K	846

ELECTRICAL	SM 550-VS
Voltage	110 / 240 / 380-460
Frequency	50 / 60 Hz
Power	0.3 kW
Phase	1 / 3
ATEX	Yes

Screen diameter = 565  
 \*hose connections can be made to match line

1

2

3

4

5

6

THIRD ANGLE PROJECTION

**SM SLIMLINE 950 VS/PS**

Screen diameter = 965  
 Frames for SM950 differ from unit shown  
 - for guidance only.  
 Hose connections can be made to  
 match line.

DIMENSION	SM 950 VS/PS
A	DN75 DIN32676
B	1106
C	550
D	DN75 DIN32676
E	250
F	431
G	1340
H	750
I	621
J	753
K	665

ELECTRICAL	SM 950-VS/PS
Voltage	110-240 / 380-460
Frequency	50 / 60 hz
Power	0.35 kW
Phase	1 / 3
ATEX	Yes 

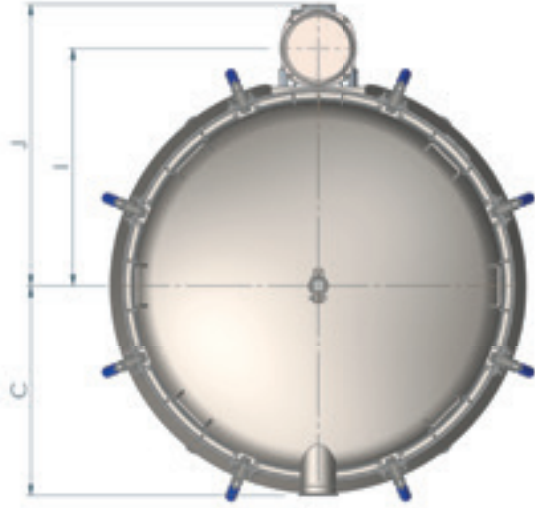
ALL DIMS. ARE APPROX. NOT TO BE USED FOR FINAL PLANNING-FULL DRAWINGS CAN BE SUPPLIED ON REQUEST-SUBJECT TO CHANGE AT ANY TIME.

1

THIRD ANGLE PROJECTION



2



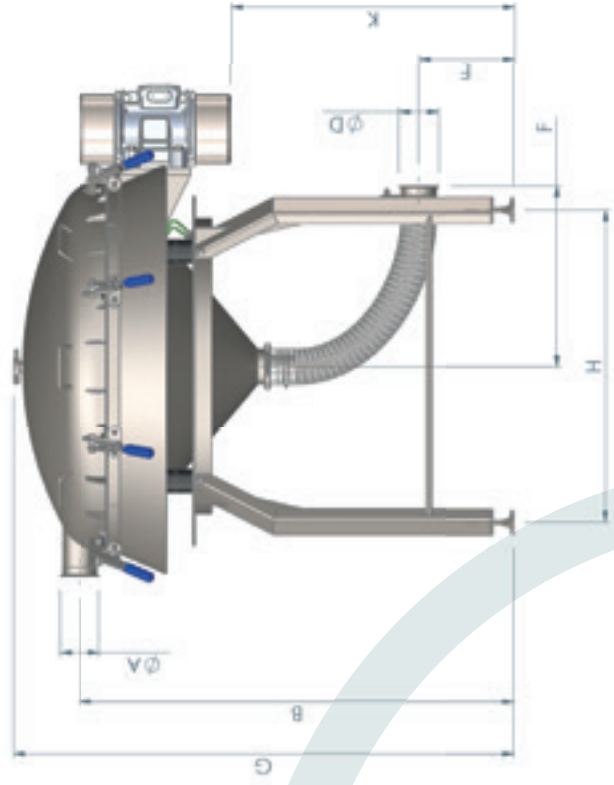
3

4

5

6

## SM SLIMLINE 1250 VS/PS



DIMENSION	SM 1250 VS/PS DN100 DIN32676
A	1293
B	627
C	627
D	DN100 DIN32676
E	250
F	538
G	1492
H	930
I	706
J	838
K	844

Screen diameter = 1165mm  
 Frames for SM1250 differ from unit shown - for guidance only.  
 Hose connections can be made to match line.

ELECTRICAL	SM 950-VS/PS
Voltage	110-240 / 380-460
Frequency	50 / 60 hz
Power	1.1 kW
Phase	3
ATEX	YES