

Product Specification

Check Sieving

700-ST

The 700-ST combines the highest degree of control with the most hygienic design elements.

Fully stainless steel contact parts and external components mean it can be used in the most demanding environments, whilst tool-free, quick change mesh screens minimise downtime between batches.

It is available with a mobile base assembly as standard, supplied with adjustable bolt-down feet, and can be upgraded to fully stainless steel construction throughout.



sm siev master®
by farleygreene

Features & Benefits

- High throughput for a low footprint machine
- A fully enclosed system
- Wet or dry applications
- Easy-Clean, hygienic design
- Conforms to CE, UKCA, FDA, and EC 1935/2004 regulations
- Rated ATEX zone 22 II 3D
- No tool quick change screens
- All stainless steel body with 316 contact parts
- Dust and waterproof to at least IP65
- Low maintenance/running costs – tool free disassembly & minimal servicing
- A mobile unit that can be used under big bag or bulk container discharging systems, or in production lines at Critical Control Points

Industries:



Food & Drink



Pharma



Chemical



Additive

Product Options*

Mesh Deblinding -
ultrasonic.



Enclosed Top Cover -
removable top cover with
150mm diameter central inlet.



Underscreen magnet assy -
13,000 gauss available.



**Sack/bag Entry with safety
Hex Grid -** side wall cut
away for bag loading into
open unit.



Upsize Outlet Control Options for Screening Efficiency -

STANDARD OPTION

DOSC -
adjustable
plate for
oversize rejection.



UPGRADE OPTION

BOSC - vacuum
controlled
inflatable
balloon.



Typical Materials

- Most food, pharmaceutical, chemical powders and granular products
- Liquid separation

Finishes available

- Dressing of external welds
- Internal & external dull polish to <0.8 Ra
- ViwateQ® finish
- Pharma polish - to <0.2 Ra internally and externally.

Certified Technology



*More options available on request

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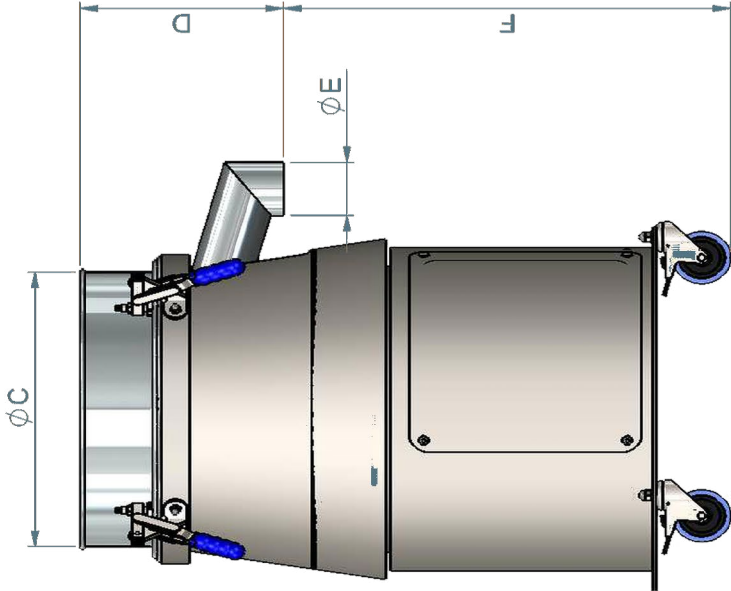
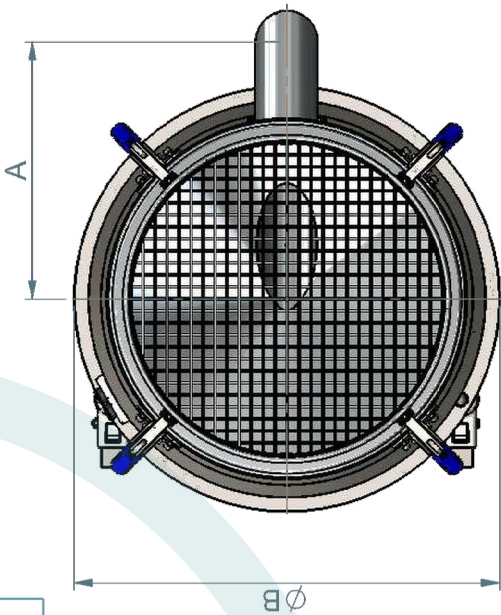
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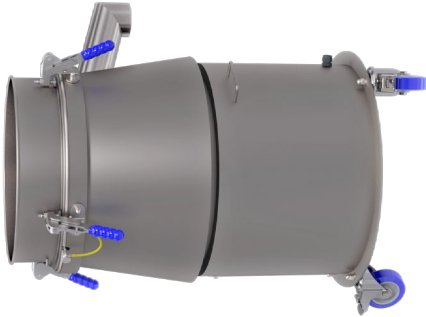
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THIRD ANGLE PROJECTION




SM 700-ST



DIMENSION	SM700-ST (mm)
A	430
B	630
C	530
D	350*
E	100
F	770

Screen diameter = 565mm
Enclosed top & oversize outlet available (refer to SM550FF DRG)
*For underscreen magnet assy add 50mm to 'D' DIM
Allow min. 50mm for flexible connections to Inlet/outlet

ELECTRICAL	SM700-ST
Voltage	110 / 240 / 380-460
Frequency	50 / 60 hz
Power	0.55 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.