

## Product Specification

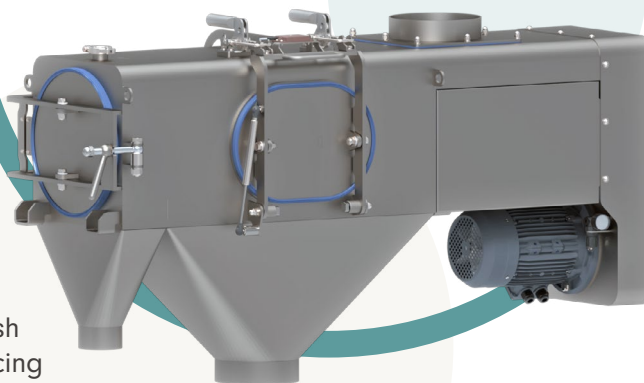
Centrifugal Sieving

# Rota Range

Where high volume bulk check screening is required, the Rota Range provides non-vibratory centrifugal sifting.

Rota sifters use a set of revolving paddles to push product outwards against the mesh cylinder, forcing fine product through and continuously ejecting coarse product via a separate outlet.

Rotas are dust-tight and can be fixed into place within your process line. The internal mesh screen assembly and sieving paddle components are fully removable without the need for any tools. The mesh can also be fully inspected across its full circumference and length whilst still in place inside the machine.



sm sievmaster®  
by farleygreene

## Features & Benefits

- Available in three sizes (from smallest to largest): 90-C single basket, 180-C single basket, and 360-C twin basket variants
- Quick release side door toggle clamps for quick inspection
- Enhanced sealing profile on all doors
- Standard units can be used for gravity system, vacuum to -0.4bar and pressure to +0.8bar with a small safety upgrade\*\*
- Available with stainless or nylon woven mesh, wedgewire and perforated mesh screens
- All stainless steel metal contact parts
- High volume bulk sieving for wet or dry applications
- For use under big bag or bulk container discharging systems within production lines
- Can be used with any type of mechanical or pneumatic conveyor systems, with correct options
- Deagglomeration of compacted material in one action
- Cantilever shaft design to provide easy access to mesh screen & minimal servicing conveyor systems, with correct options

\*\*if converting from gravity to +/- pressure please contact us for your free upgrade kit.

### Industries:



Food & Drink



Pharma



Chemical



Additive

## Product Options\*

**Wedgewire mesh basket** - comes with blue metal detectable flange gasket.



**Oversize Outlet Connection to Butterfly Valve** - Single or twin pneumatically actuated.



**Upgrade all contact parts to SS316L**



**Easy-Clean magnet assy to fines** - magnet drawer.



**Support frame** - static or mobile (open section hygiene design).



**Oversize collection barrel** - 30 litre.



### Oversize Outlet Control Options for Screening Efficiency -

#### STANDARD OPTION

**DOSC** - adjustable plate for oversize rejection.



#### UPGRADE OPTION

**BOSC** - vacuum controlled inflatable balloon.



**Upgrade to ATEX II 2D internal / ATEX 3D external**



\*More options available on request

## Typical Materials

- Almost any powder or granulated material used in the food, beverage, and chemical industries.

## Finishes available

- Dressing of External Welds
- Internal Dull Polish to <0.8 Ra
- ViwateQ® Finish
- Pharma Polish - to <0.2 Ra internally and externally.

## Certified Technology



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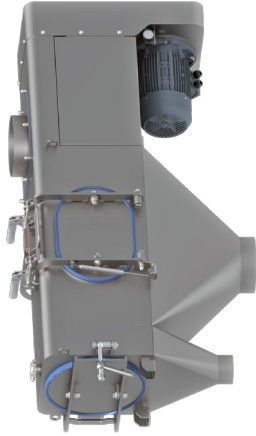
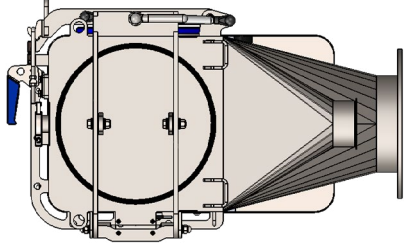
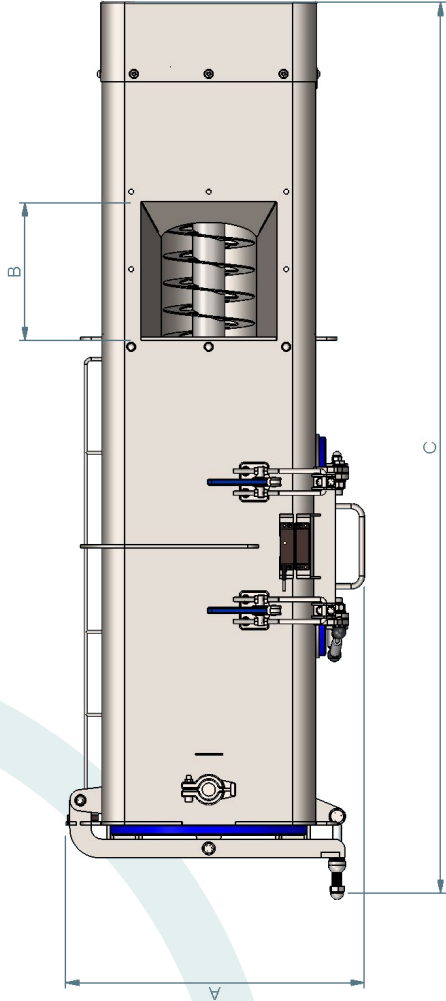
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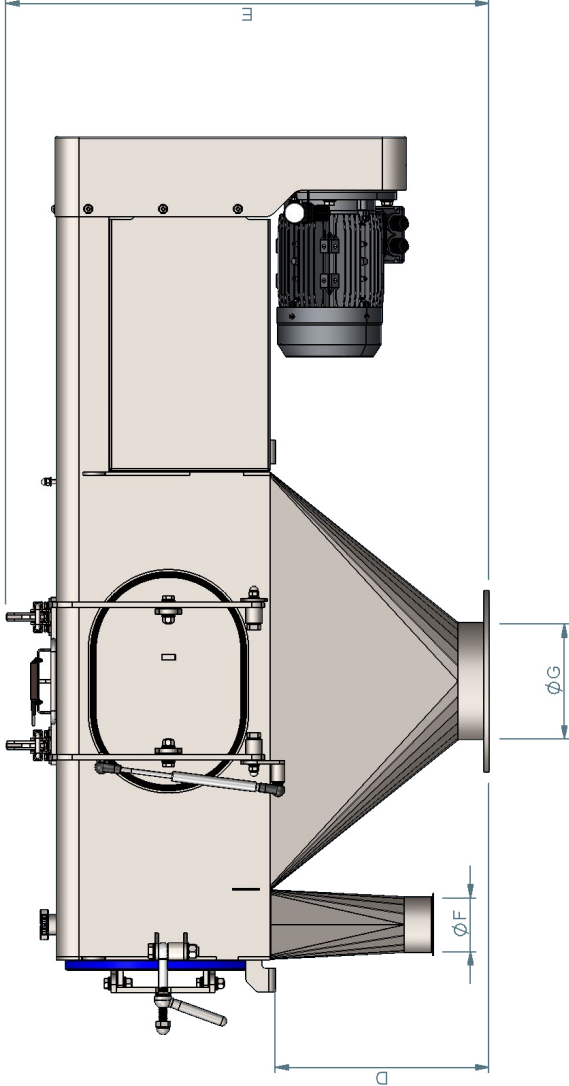
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THIRD ANGLE PROJECTION




## SM ROTA 180



DIMENSION	SM-ROTA-180 (mm)
A	560
B	260
C	1670
D	400
E	905
F	Ø100
G	Ø 215

SCREEN SIZE = Ø195MM X 790MM LONG  
MOBILE OR STATIC FRAMES AVAILABLE  
SUITABLE FOR USE WITH VACUUM OR PRESSURE LINES

ELECTRICAL	SM-ROTA-180
Voltage	240 / 380-460
Frequency	50 / 60 hz
Power	2.2 kW
Phase	3
ATEX	Yes 

For more information on the other machines in the range, please enquire.