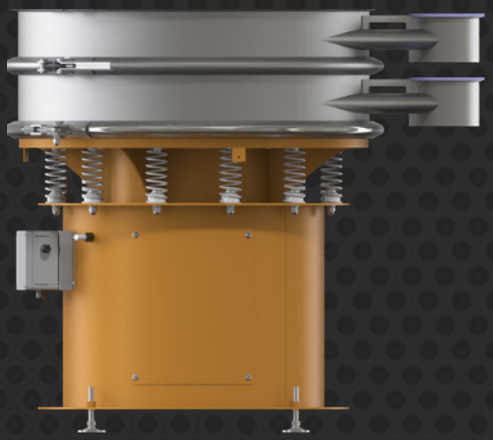
Product Specification

# Slimline Multiscreen Range

# SM 800

## Vibratory Sieve for Grading and Separating

Separate, grade, and sort nearly all types of materials into different sizes, using the Multiscreen vibratory sieve. Its weight configuration technology controls the amount of time product is sat on mesh screens, and the deblinding system eliminates clogging for a consistent throughput and mesh longevity. The Multiscreen can be used in all types of industries and environments and features a quick change mesh system that allows for easy mesh changes and cleaning.



SM sievmaster by farleygreene

**800mm diameter screen for medium throughput applications.**

## INDUSTRIES

- Food & Drink
- Pharmaceutical
- Chemical
- Nutriceutical
- Reclamation & Recycling
- Additive Manufacturing

## FEATURES

- Specially designed frames and extended height bases
- Scroll system fo maximum screening efficiency
- Separation of milled or ground products in up to 4 grades in one pass
- Screening of fine powders (e.g. toner powder, metal powders)
- Grading of kibbled or "disintegrated" products
- Constructed from FDA compliant materials
- Quick change bonded screens
- Easy clean design, no crevices
- Quality assured graded end product
- Noise level less than 70 dBA when in use

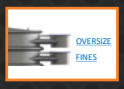
## TYPICAL MATERIALS

- Spices
- Cosmetics
- Seeds
- Liquid separation
- Pharmaceutical powders
- Most powders/ granular products
- Flour
- Crystal sugar
- Starch
- Cocoa
- Wet or dry applications

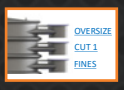
## PRODUCT OPTIONS

### Machine configurations*

- Continuous processing of 2 fractions - oversize/fines




- Continuous processing of 3 fractions - oversize/cut 1/fines



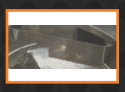

- Continuous processing of 4 fractions - oversize/cut 1/ cut 2 / fines

- ATEX upgrade

- Enclosed top cover

- Vision port

- Intermediate deck dwell control quarter scroll



- Dwell control full scroll

- Mesh deblinding - mechanical

- Mesh deblinding - ultrasonic

- Mobile base assy

- Hygiene base assy

- Hygiene vibro body & suspension

### Finishes available

- Internal mirror polish to galleries (standard < 0.8Ra)
- Dressing of all internal / external welds
- Pharmaceutical mirror polish <0.25Ra & dressing of all external welds
- Passivation after polish
- Viwateq/Sublimotion finish -whole machine
- Upgrade from earth clips to external direct mesh earthing system

***More options available on request**

## CERTIFIED TECHNOLOGY

**Farleygreene Limited.** Unit 2, Hatch Industrial Park, Greywell Road, Mapledurwell, Hampshire, RG24 7NG. United Kingdom.
**t** +44 (0) 1256 474 547 **f** +44 (0) 1256 329 596 **e** info@farleygreene.com www.farleygreene.com

Product Specification

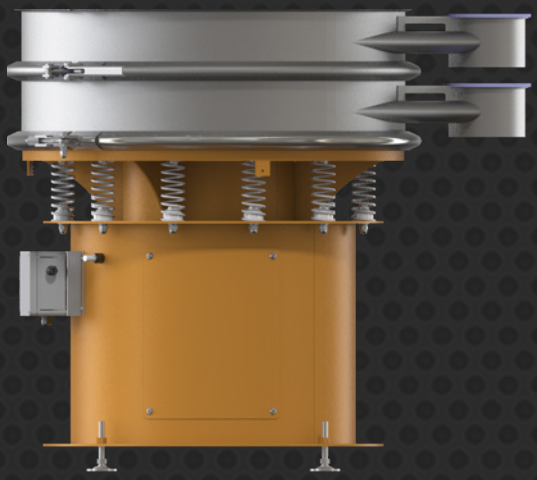
# Slimline Multiscreen Range

# SM 1200

## Vibratory Sieve for Grading and Separating

Separate, grade, and sort nearly all types of materials into different sizes, using the Multiscreen vibratory sieve. Its weight configuration technology controls the amount of time product is sat on mesh screens, and the deblinding system eliminates clogging for a consistent throughput and mesh longevity. The Multiscreen can be used in all types of industries and environments and features a quick change mesh system that allows for easy mesh changes and cleaning.

**1200mm diameter screen for high throughput applications.**



sievmaster by farleygreene

## INDUSTRIES

- Food & Drink
- Pharmaceutical
- Chemical
- Nutriceutical
- Reclamation & Recycling
- Additive Manufacturing

## FEATURES

- Specially designed frames and extended height bases
- Scroll system fo maximum screening efficiency
- Separation of milled or ground products in up to 4 grades in one pass
- Screening of fine powders (e.g. toner powder, metal powders)
- Grading of kibbled or "disintegrated" products
- Constructed from FDA compliant materials
- Quick change bonded screens
- Easy clean design, no crevices
- Quality assured graded end product
- Noise level less than 70 dBA when in use

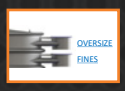
## TYPICAL MATERIALS

- Spices
- Cosmetics
- Seeds
- Liquid separation
- Pharmaceutical powders
- Most powders/ granular products
- Flour
- Crystal sugar
- Starch
- Cocoa
- Wet or dry applications

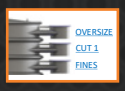
## PRODUCT OPTIONS

### Machine configurations*

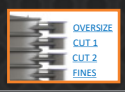
- Continuous processing of 2 fractions - oversize / fines




- Continuous processing of 3 fractions - oversize / cut 1 /fines




- Continuous processing of 4 fractions - oversize /cut 1/ cut 2 / fines



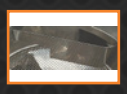

- ATEX upgrade

- Enclosed top cover

- Vision port

*More options available on request

- Intermediate deck dwell control quarter scroll



- Dwell control full scroll

- Mesh deblinding - mechanical

- Mesh deblinding - ultrasonic

- Mobile base assy

- Hygiene base assy

- Hygiene vibro body & suspension

### Finishes available

- Internal mirror polish to galleries (standard < 0.8Ra)
- Dressing of all internal / external welds
- Pharmaceutical mirror polish <0.25Ra & dressing of all external welds
- Passivation after polish
- Viwateq / Sublimotion finish -whole machine
- Upgrade from earth clips to external direct mesh earthing system

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Product Specification

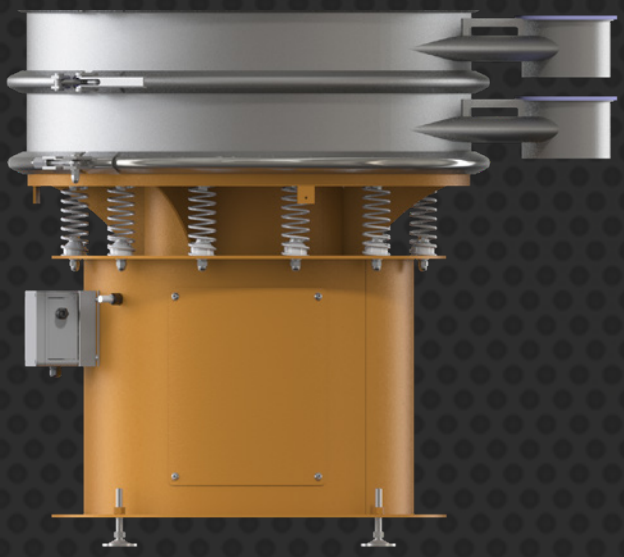
# Slimline Multiscreen Range

# SM 1500

## Vibratory Sieve for Grading and Separating

Separate, grade, and sort nearly all types of materials into different sizes, using the Multiscreen vibratory sieve. Its weight configuration technology controls the amount of time product is sat on mesh screens, and the deblinding system eliminates clogging for a consistent throughput and mesh longevity. The Multiscreen can be used in all types of industries and environments and features a quick change mesh system that allows for easy mesh changes and cleaning.

**1500mm diameter screen for very high throughput applications.**



sievmaster by farleygreene

## INDUSTRIES

- Food & Drink
- Pharmaceutical
- Chemical
- Nutriceutical
- Reclamation & Recycling
- Additive Manufacturing

## FEATURES

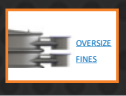
- Specially designed frames and extended height bases
- Scroll system fo maximum screening efficiency
- Separation of milled or ground products in up to 4 grades in one pass
- Screening of fine powders (e.g. toner powder, metal powders)
- Grading of kibbled or "disintegrated" products
- Constructed from FDA compliant materials
- Quick change bonded screens
- Easy clean design, no crevices
- Quality assured graded end product
- Noise level less than 70 dBA when in use

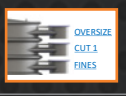
## TYPICAL MATERIALS

- Spices
- Cosmetics
- Seeds
- Liquid separation
- Pharmaceutical powders
- Most powders/ granular products
- Flour
- Crystal sugar
- Starch
- Cocoa
- Wet or dry applications

## PRODUCT OPTIONS

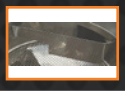
### Machine configurations*

- Continuous processing of 2 fractions - oversize / fines 

- Continuous processing of 3 fractions - oversize / cut 1/fines 

- Continuous processing of 4 fractions - oversize/cut 1/cut 2 / fines

- ATEX upgrade

- Enclosed top cover
- Vision port
- Intermediate deck dwell control quarter scroll 
- Dwell control full scroll
- Mesh deblinding - mechanical
- Mesh deblinding - ultrasonic
- Hygiene base assy
- Hygiene vibro body & suspension

*More options available on request

### Finishes available

- Internal mirror polish to galleries (standard < 0.8Ra)
- Dressing of all internal/external welds
- Pharmaceutical mirror polish <0.25Ra & dressing of all external welds
- Passivation after polish
- Viwateq/Sublimotion finish -whole machine
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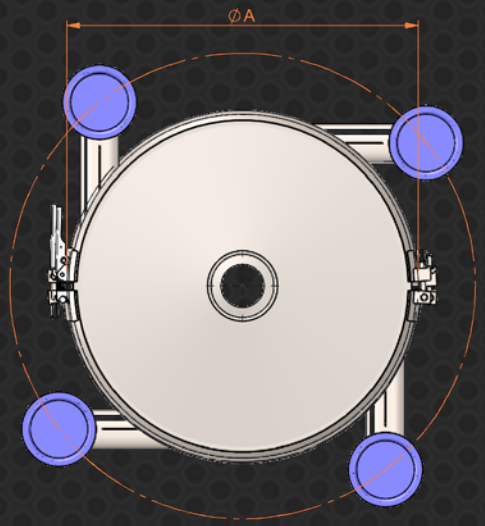
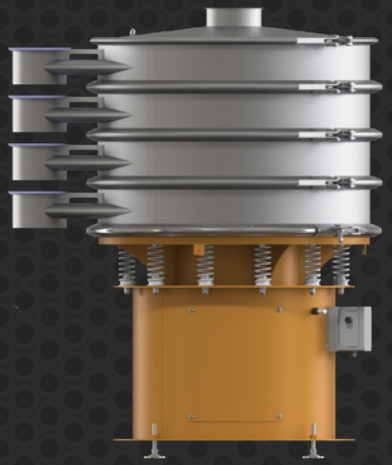
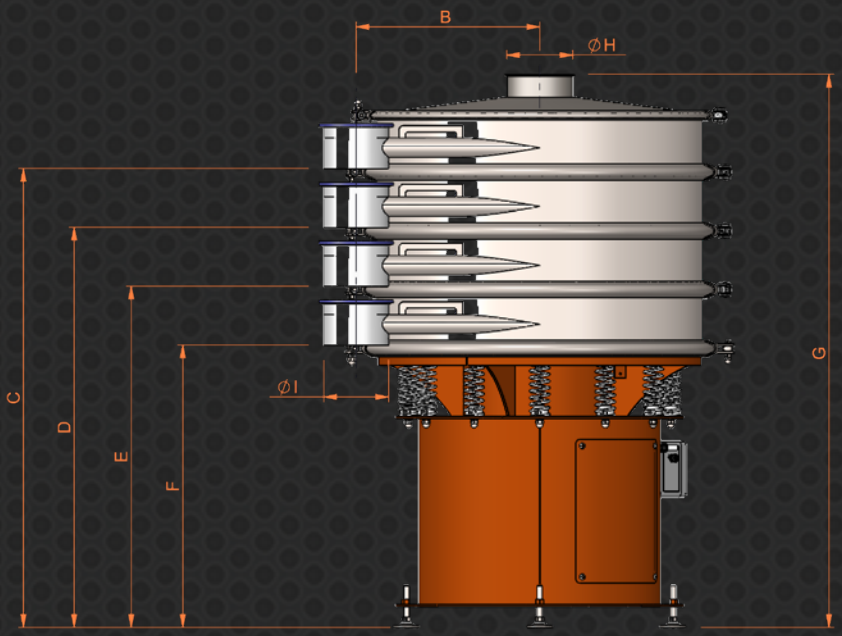
THIRD ANGLE PROJECTION

# SM MULTISCREEN 800, 1200, 1500






| DIMENSION (mm) | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| SM800-1S | 800 | 550 | --- | --- | 810 | 670 | 1030 | 150 | 150 |
| SM800-2S | 800 | 550 | --- | 950 | 810 | 670 | 1170 | 150 | 150 |
| SM800-3S | 800 | 550 | 1090 | 950 | 810 | 670 | 1310 | 150 | 150 |
| SM1200-1S | 1170 | 760 | --- | --- | 840 | 670 | 1100 | 250 | 200 |
| SM1200-2S | 1170 | 760 | --- | 1010 | 840 | 670 | 1270 | 250 | 200 |
| SM1200-3S | 1170 | 760 | 1180 | 1010 | 840 | 670 | 1440 | 250 | 200 |
| SM1500-1S | 1470 | 935 | --- | --- | 870 | 670 | 1160 | 250 | 200 |
| SM1500-2S | 1470 | 935 | --- | 1070 | 870 | 670 | 1360 | 250 | 200 |
| SM1500-3S | 1470 | 935 | 1270 | 1070 | 870 | 670 | 1500 | 250 | 200 |

SCREEN DIAMETER = REFER TO 'A' DIM
FLEXIBLE CONNECTIONS TO INLET & OUTLETS - MOBILE VERSION AVAILABLE.

| ELECTRICAL | SM800 | SM1200 | SM1500 |
|---|---|---|---|
| VOLTAGE | 110 / 240 / 380-460 | 110 / 240 / 380-460 | 110 / 240 / 380-460 |
| FREQUENCY | 50 / 60 hz | 50 / 60 hz | 50 / 60 hz |
| POWER | 0.48 / 0.53 kw | 0.6 / 0.68 kw | 2.2 / 2.45 kw |
| PHASE | 3 | 3 | 3 |
| ATEX | YES | YES | 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.