

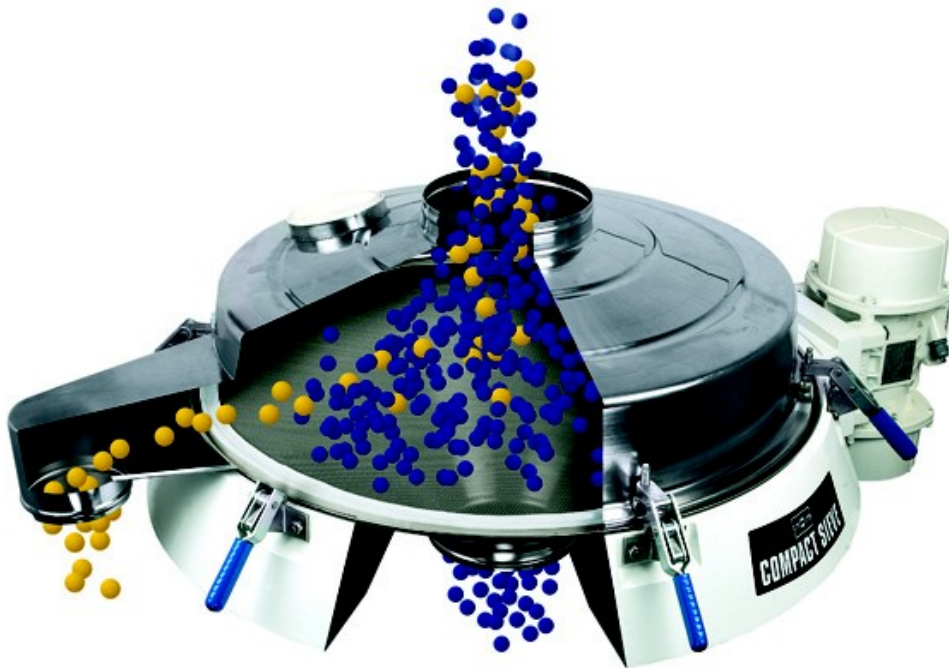
Russell Finex in the Pharmaceutical industry

Presentation by ing. Koen De Ridder
Sales Manager Russell Finex Belgium



Russell Compact Sieve

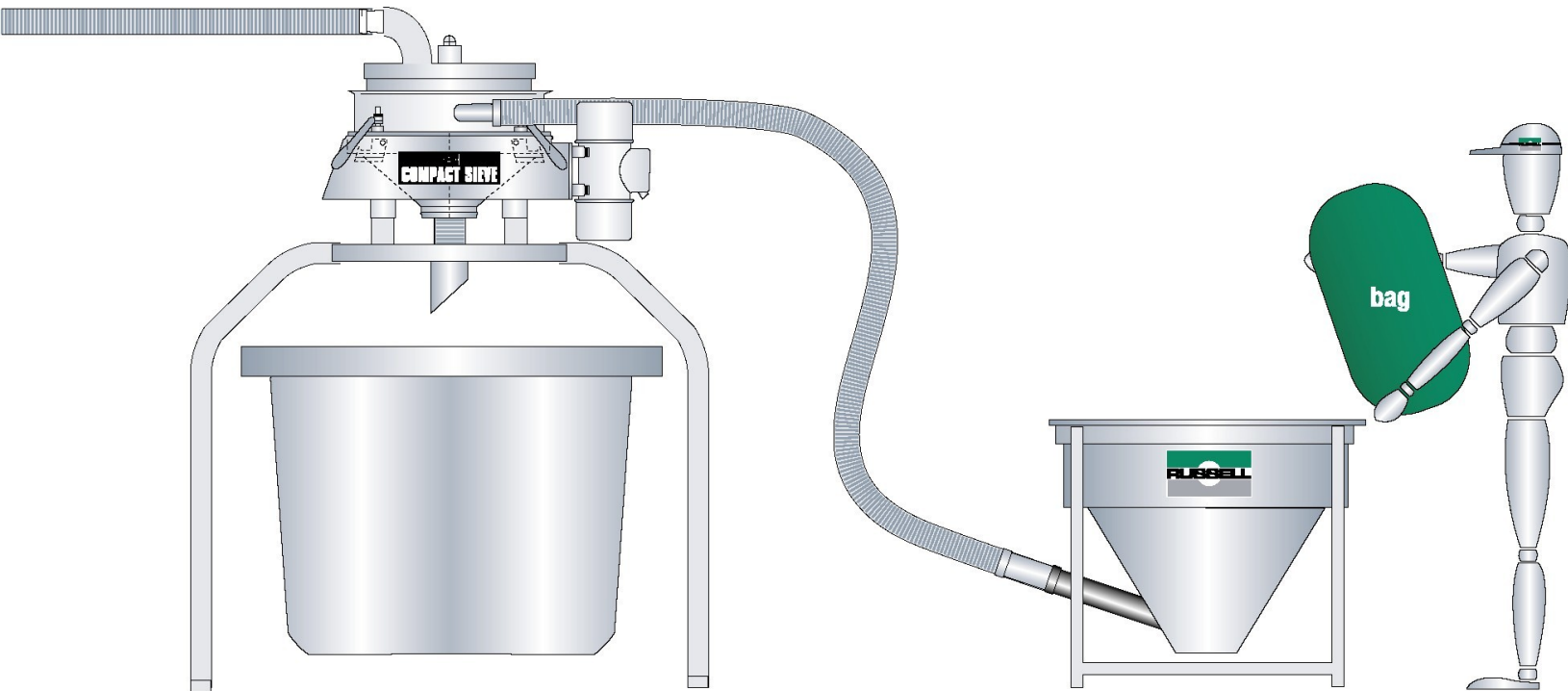
- Most sold machine type



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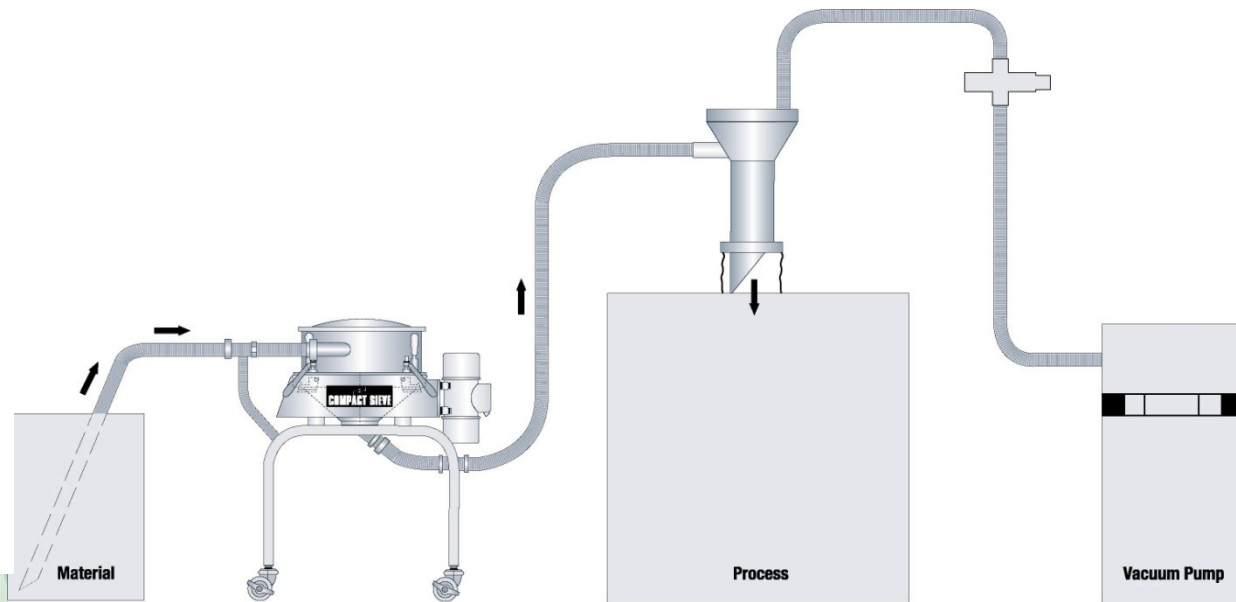
Variations on Compact sieves

- Self Loading Sieve



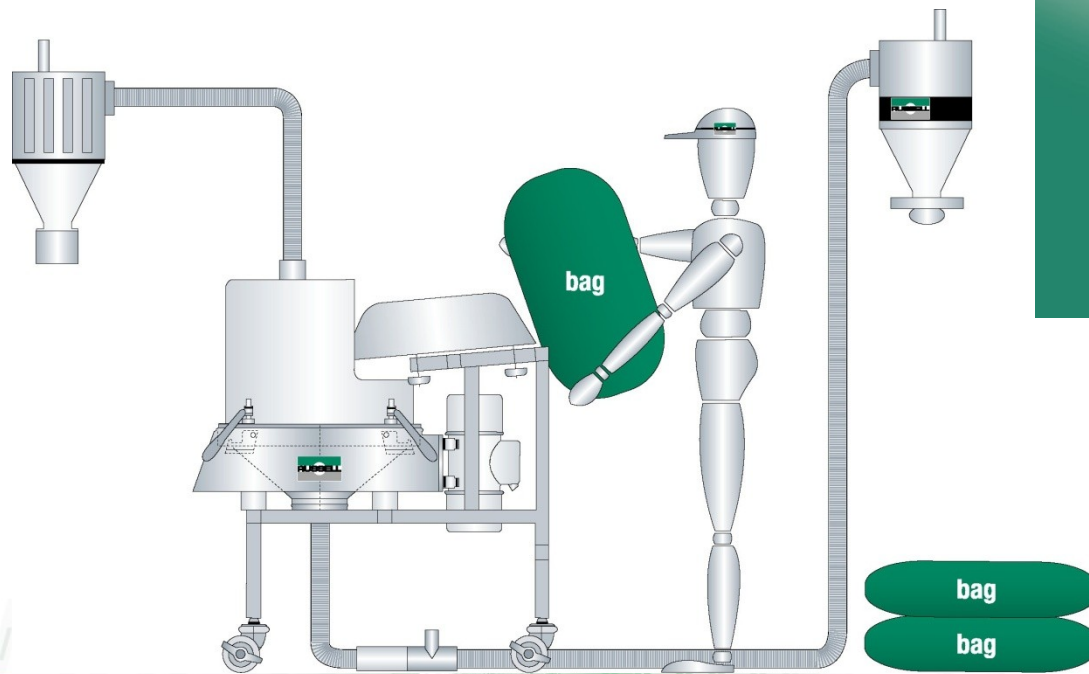
Variations on Compact sieves

- Airswept Sieve



Variations on Compact sieves

- Compact 3in1 Sieve



1. Low Level Bag-Tip Station
2. Compact Sieve
3. Magnetic Trap



Benefits of a Russell Compact Sieve

- Check Screening
- In-line sieving
- No tools needed for dismantling
 - quick release clamps
- Quick evacuation of oversized material
- Compact design
 - small built-in heights



Benefits of a Russell Compact Sieve

- Possibility to integrate a Rear earth Magnet
- Use of easily adjustable vibrator motor
- Low noise level
 - rubber suspension
- Easy to strip down
- High throughputs
- Available in different diameters



Options

- Different finishes possible
- Vibrasonic 2000 system



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How to dismantle / mount a meshframe



Russell Finex in the pharmaceutical industry

- Russell did research to improve quality issues in the pharmaceutical industry
- Biggest problem :
 - validation procedure was not possible due to the clamps
- Other problems:
 - Wear of the sieve deck to under pan
 - Dust-tightness of sieve deck due to pressure points



Benefits of a Russell Compact 600 Airlock

- New design
 - No clamps
 - Better sealing due to inflatable seal
 - OEL level 5 ($< 1\mu\text{g}$)
 - No metal – metal contact
 - Can be validated
 - Start/stop control box



How does it work



Compact machines sold into the pharmaceutical industry



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Compact machines sold into the pharmaceutical industry



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Compact machines sold into the pharmaceutical industry

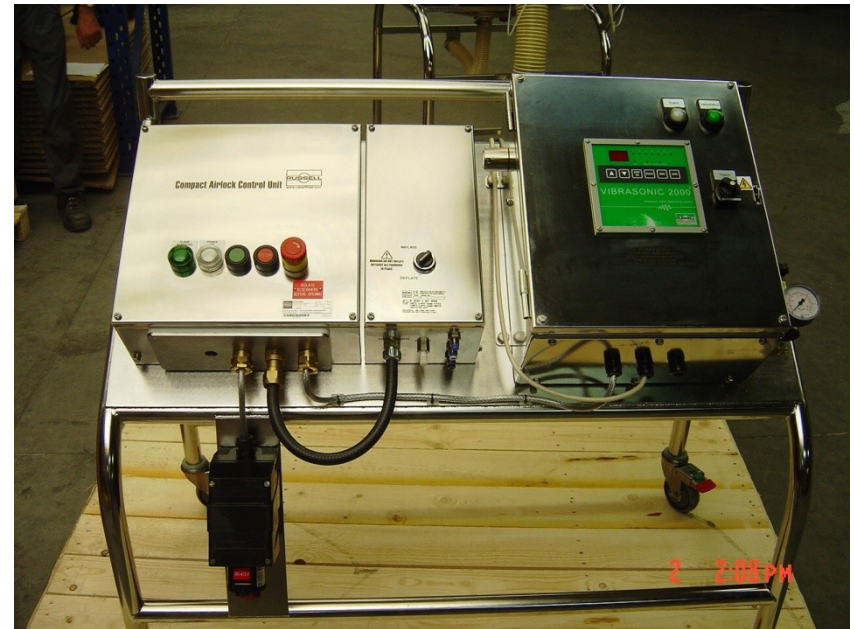


Compact machines sold into the pharmaceutical industry



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Compact machines sold into the pharmaceutical industry



Russell Finex 22"

- Another Russell machine famous in the pharmaceutical industry



Russell Finex 22"

- Mainly used for:
 - Grading
 - Dedusting
- Important : can also be used as check screener
- Options:
 - Multiple deck operations
 - up to 5 fractions
 - Integration of vibrasonic 2000 system



Benefits of a F22”

- Rubber suspension
- Independant bearing house
- Std. electrical motor
- Higher throughput compared to the competition
- Mobile unit
- Low noise level
- Easy to strip down
- Easy to set the weights



Finex 22 machines sold into the pharmaceutical industry



Finex 22 machines sold into the pharmaceutical industry



Finex 22 machines sold into the pharmaceutical industry



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Russell Finex to be of help in the pharmaceutical industry : how ?

- Trials at Russell's test department in Belgium or on site
- A big scope of test machines
 - all sizes available
 - 80 machines
- Representatives in more than 140 countries all over the world
- Continuous development of new products thanks to R&D
- Looking for solutions
 - custom made machines
- More than 75 years of experience
- Best-known brand in the pharmaceutical industry



Any questions?



Thank you for your attention

ing. Koen De Ridder
Sales Manager Russell Finex Belgium

