

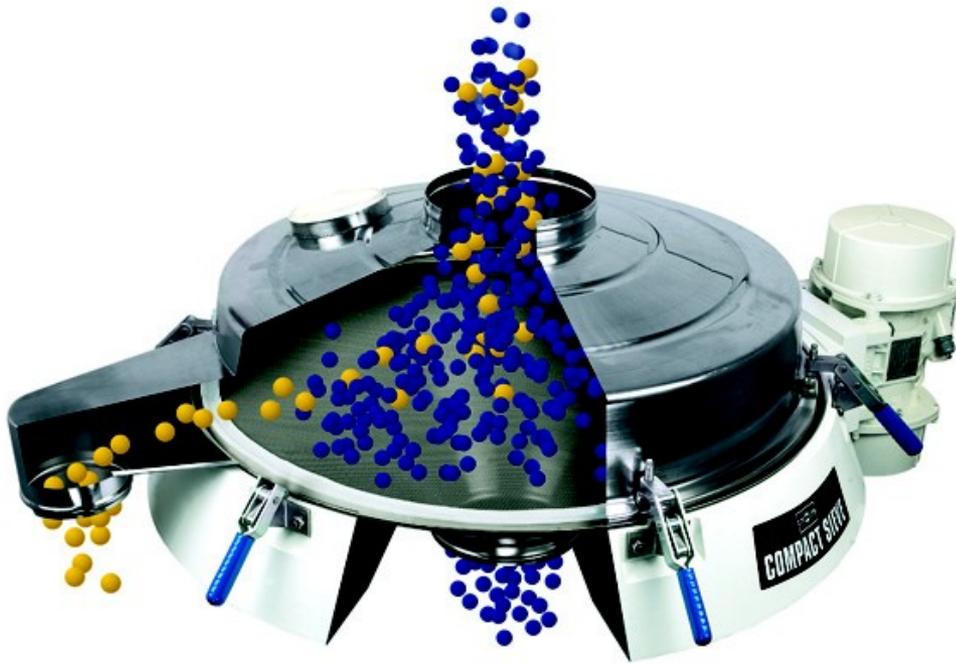
# Russell Finex in the Pharmaceutical industry

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



# Russell Compact Sieve

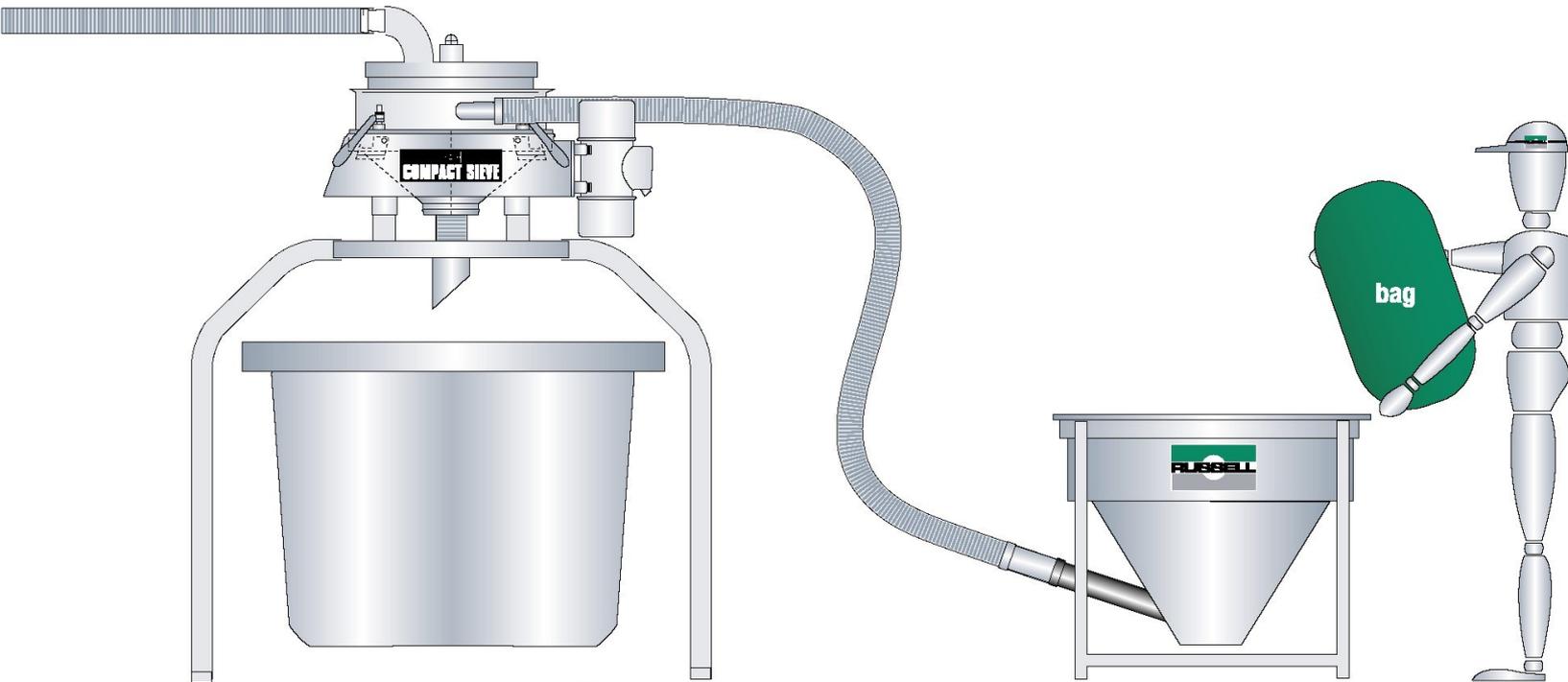
- Most sold machine type



[www.russellfinex.com](http://www.russellfinex.com)

# Variations on Compact sieves

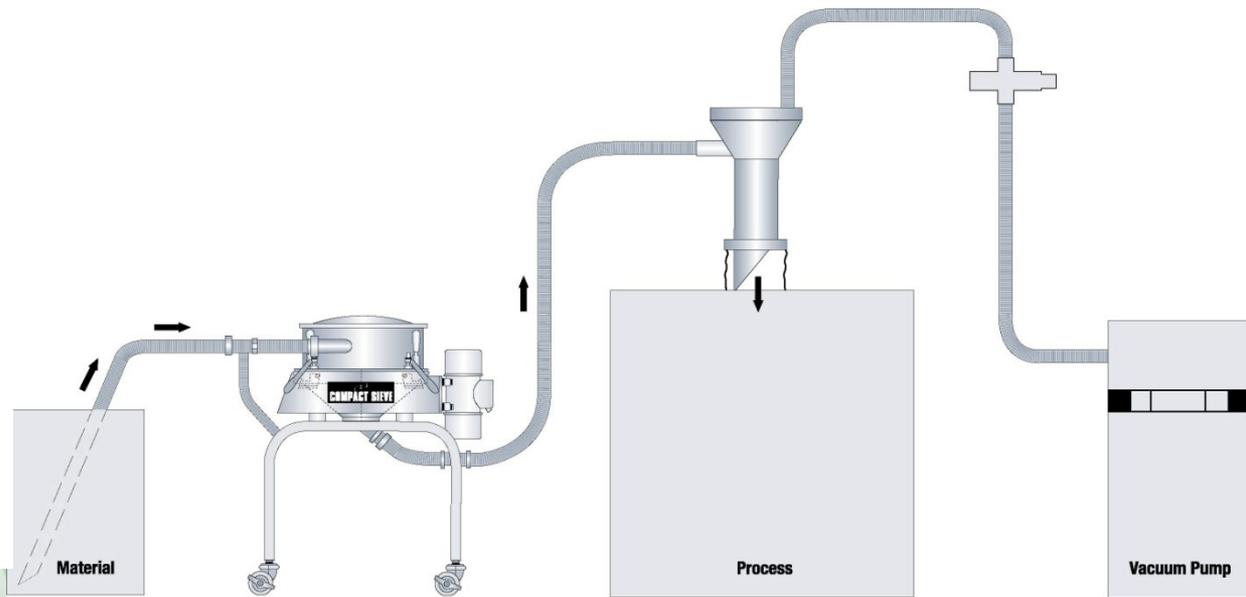
- Self Loading Sieve



[www.russellfinex.com](http://www.russellfinex.com)

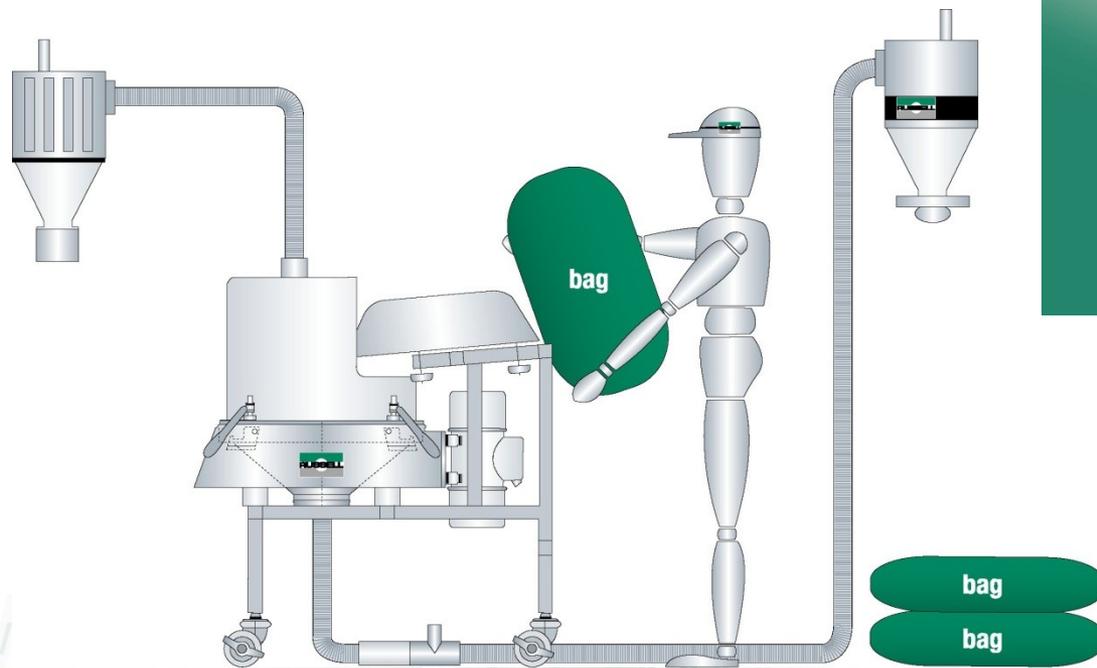
# Variations on Compact sieves

- 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



www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com

# 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



www.russellfinex.com

# How to dismantle / mount a meshframe



**RUSSELL**  
www.russellfinex.com

# 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



www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com

# How does it work



# Compact machines sold into the pharmaceutical industry



# Compact machines sold into the pharmaceutical industry



# Compact machines sold into the pharmaceutical industry



www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com

# Compact machines sold into the pharmaceutical industry



www.russellfinex.com

# Compact machines sold into the pharmaceutical industry



www.russellfinex.com

finex.com  
www.russellfinex.com

# Compact machines sold into the pharmaceutical industry



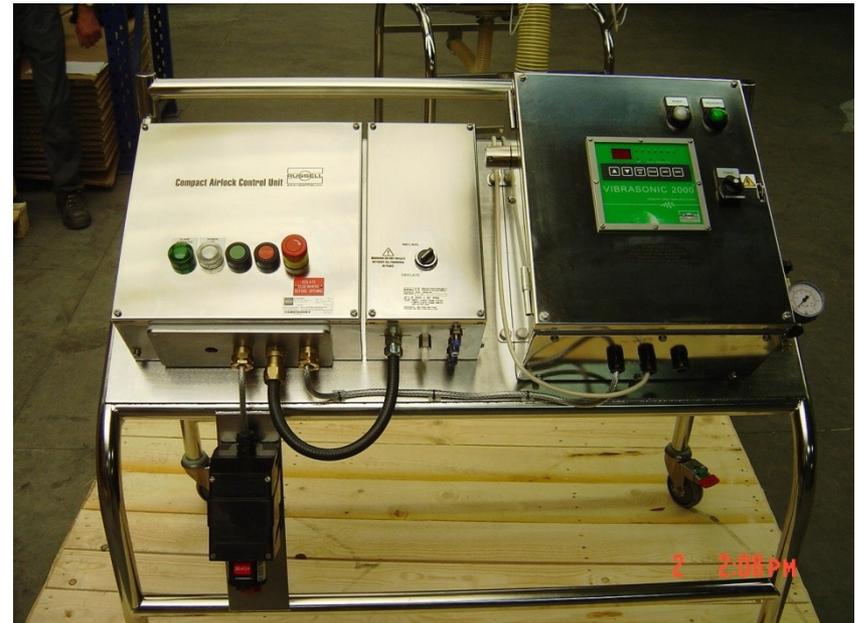
# Compact machines sold into the pharmaceutical industry



www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com

www.russellfinex.com

# Compact machines sold into the pharmaceutical industry



www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com  
www.russellfinex.com

# 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



www.russellfinex.com www.russellfinex.com www.russellfinex.com www.russellfinex.com

# 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

