



**RUSSELL FINEX**  
**Global Sieving & Filtration**  
**Specialists**

**Richard Baker – Head of Sales Division (UK & Ire)**

# Overview

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- A brief introduction to Russell Finex
- Why filter or sieve?
- How we filter and sieve
- Honey - where Russell units fit in



# Introduction to Russell Finex

- Formed in 1934
- Presence in over 140 countries
- Current turnover of £45million
- Over 250 direct employees
- Sales subsidiaries in UK, US, Belgium, India and China
- Offices in Germany, France, Netherlands, Spain and Sweden
- 120 agents and distributors across the world



RFL - UK



RFNV - BELGIUM



RFI - USA



RFSF - INDIA



RF - CHINA



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# Why filter or sieve?

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- To remove any undesirable products from the desirable product
- To improve the quality of your product
- To allow you to waste less product
- To safeguard the quality of your product
- To help ensure your reputation



# Food industry legislation

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- Supermarket auditors.
- British Retail Consortium (BRC)
- American Institute of Bakers (AIB).

# How we filter and sieve

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- All our machines separate based on particle size
- The media of separation varies depending upon the type of machine used

# Vibratory sieve – check screening



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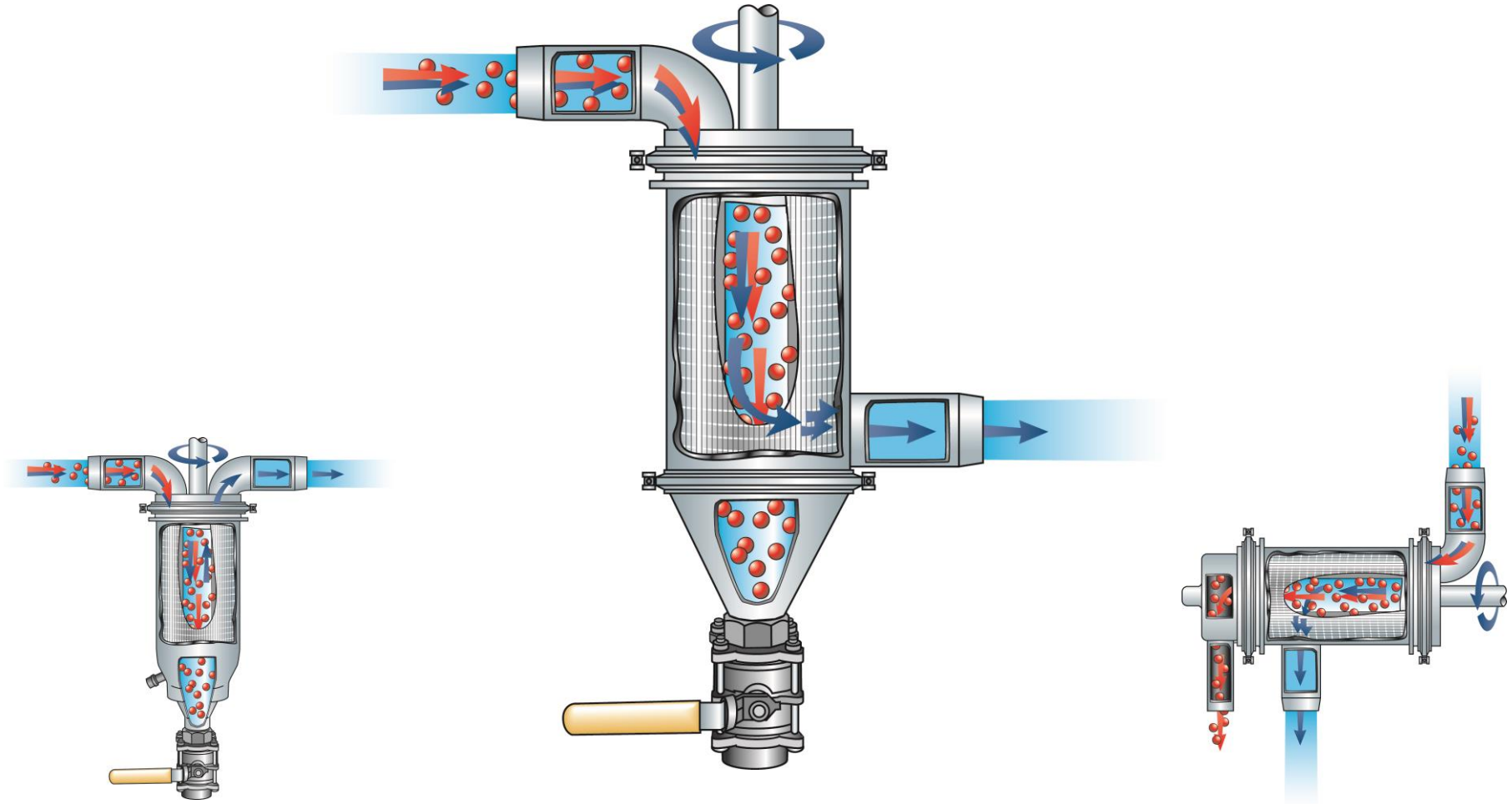
# Self-cleaning filter



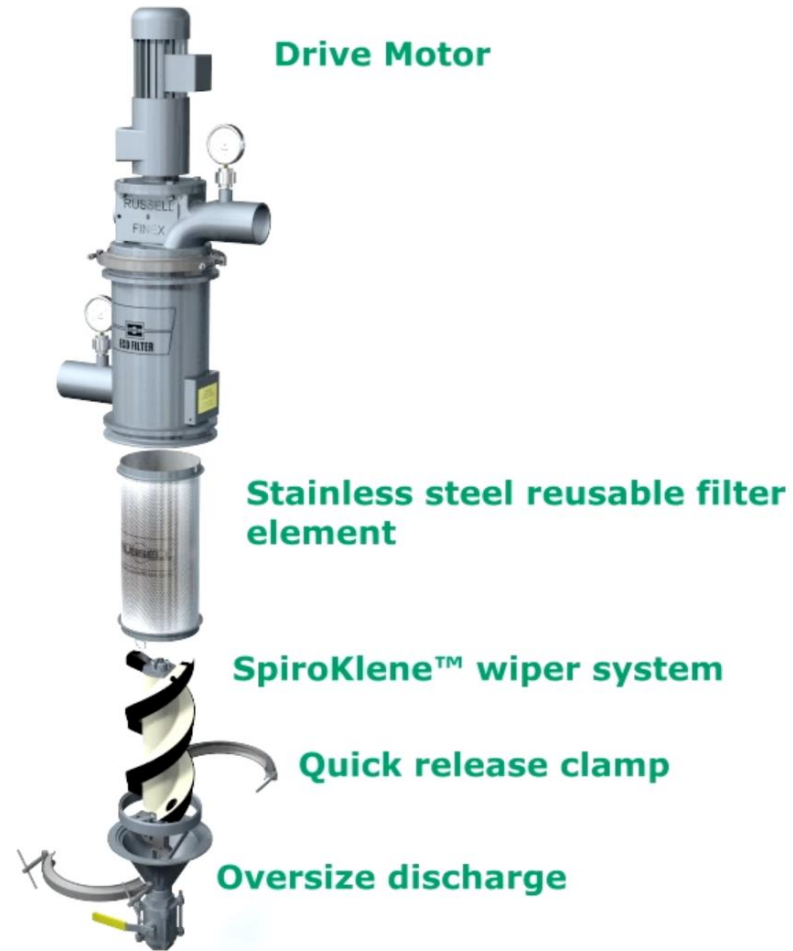
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# How the filter works

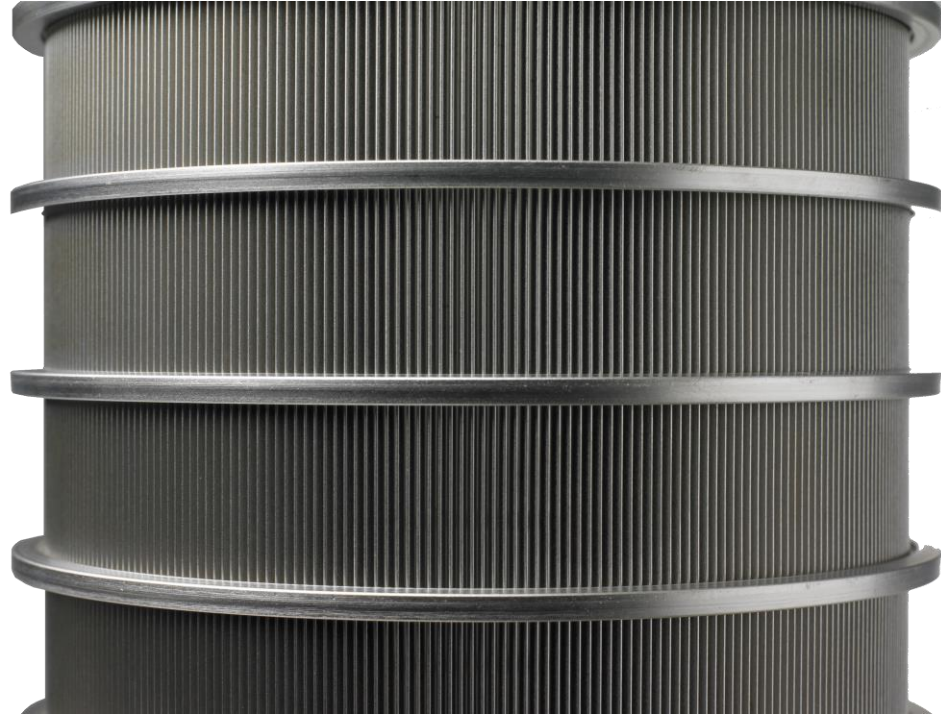
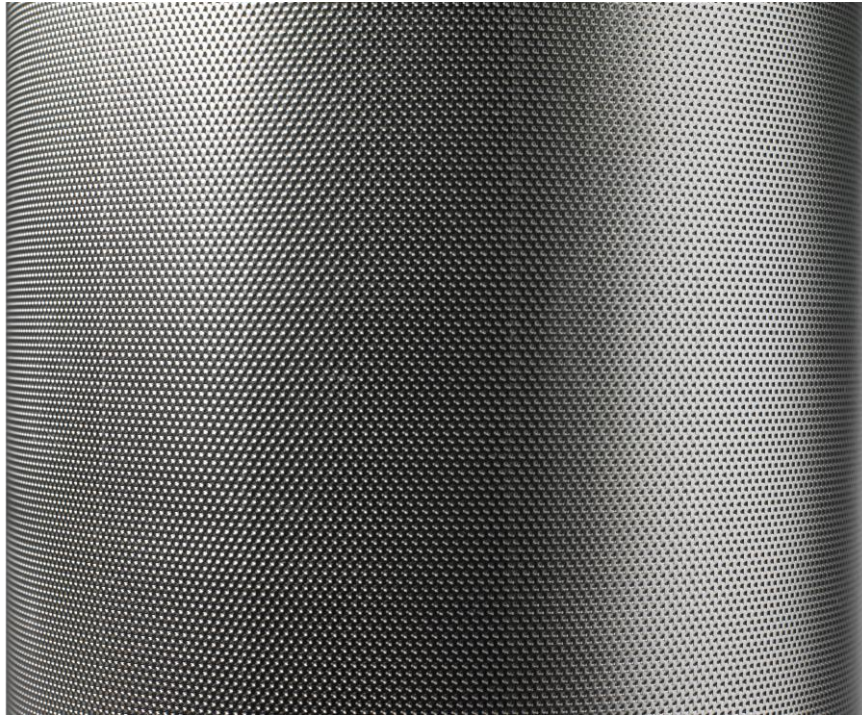


# How the filter works



# Filter screens

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# Hygiene filter

- **Sanitary design** – a crevice free design allows superior cleaning, eliminating bug traps and risk of contamination
- **High specification finish** – all product contact parts are crevice free and polished to less than 0.6Ra as standard
- **Meets industry standards** – designed in accordance with BS EN ISO 14159:2008 and EU1935/2004 regulations
- **Dismantles completely** – designed to completely dismantle, enabling a rapid and thorough clean down





# Honey - where Russell units fit in

- Simple and similar process for small and large scale producers.
- Filtration to remove pollen granules, bee parts and solid wax particles



# Honey editorial - Honningcentralen

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- Norwegian based co-operative of 1,200 beekeepers that produce 7 different types of Honey
- Set up new facility in Oslo initially using metal edge filter with 63 micron wedgewire screen but proved inefficient and required manual cleaning
- Russell Eco Filter® & Filter Management System™ installed which efficiently filters a throughput of 2,000 – 2,4000 kg/hr with much lower pressure and removing all unwanted particles

# Summary

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- It's a natural product – so numerous variations
- Establish viscosity, amount of oversize, required production rates, desired screen size
- Run product trials

# Why choose Russell Finex

- Global presence with 85 years experience
- Market leaders with innovation at the core of the business
- High quality, customized solutions
- Comprehensive after sales support



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