

State of the art screening, filtration and separation equipment for the food industry

Russell Finex produces the world's most advanced range of separation equipment for wet or dry materials. Machines and systems designed to help our customers in the Food Industry maintain consistently high product quality and improve productivity.

Innovation is the cornerstone of our business, enabling us to set new standards of hygiene, quality and efficiency by anticipating the demands of the **Food Industry** and producing custom-made equipment to satisfy those demands.

We have extensive experience in dealing with the problems related to **HACCP** and **HAZOP**. We also understand the needs of the **EC Official Control of Foodstuffs Directive** and the **UK Food Safety Act**, as well as **FDA** and **USDA** requirements. All of our equipment is certified for use in areas classified by the latest **European ATEX legislation** (zones 0,1,2,20,21,22).

We can help you apply strict quality control at all stages of the production process e.g. check-screening ingredients for removal of debris; grading and sizing materials; liquid/solid separation: recovery of usable product which, otherwise, would be lost. We recognise the importance of controlling waste; the savings to be achieved by minimizing product loss during manufacture and the reduction of total suspended solids before the liquid leaves your site.

We manufacture machines offering you the following benefits:

- Stainless steel, modular machines to ensure ingredients and products remain contamination-free
- Quick disassembly
- Easy cleaning
- A variety of finishes and components to suit the needs of the Food Industry



If your business is in....

Confectionery, Chocolate, Snacks & Biscuits, Sugar Handling, Bakery Ingredients, Flour Milling, Beverages, Brewing & Distilling, Dairy Production, Salt Handling, Food Powders, Grains, Cereals & Seeds, Edible Oils, Flavourings & Colourings, Ready Meals/Convenience Foods or any other Food Products

....then Russell has a solution for you.



Market leading customer service



Full after market support

After purchasing a Russell machine, you will receive after market support of the highest standard to ensure the quality of your product remains at its optimum for years to come

We provide our customers with a fast, responsive and reliable service that helps to keep production lines running. This means full technical support from our experienced representatives along with a complete range of spares available off-the-shelf.



Global stock holding

Providing you a fast, accurate & reliable service

All spare parts supplied are of the highest quality. We guarantee correct fit, superior wear-resistance and long life, giving you the peace of mind your equipment will operate to its optimum at all times. Fully aware of the operational and competitive pressures you are likely to work under, we have made a substantial investment in stockholdings of spare parts across the world. This means you have the choice of a wide range of off-the-shelf spares to shorten lead times and keep production lines running for longer.



State of the art testing facilities

We have tested hundreds of different materials over the years, meaning we either have experience with your product or can determine the best solution for it

We have specialized Test and Research centers in the UK, USA, Belgium and India that provide facilities for our technical representatives and customers to assess materials and equipment under controlled conditions. These facilities offer you the ability to try out any Russell Finex machine with your own product before purchase - with all results from these tests being confidential. Equipment is also available for testing at your processing or manufacturing plant where it is ultimately to be installed, providing you with total peace of mind before purchase.



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Russell Finex Safeguard the quality of your Food Products

Sieving and filtration solutions to help you:

- Maintain constant high product quality
- Conform to hygiene standards
- Increase productivity
- Reduce operation and maintenance costs



Russell Proven Technology made even more effective through working closely with our customers

**Worldwide Leaders in
Fine Mesh Separation**



Safeguarding the quality of your food products with industry leading, high-quality screening and filtration solutions.

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Compact 3in1 Sieve™

Specifically designed bag-tip station with integrated magnetic separator for check-screening raw ingredients.

- Applications
- Check-screening incoming raw ingredients.
 - Screen batches of ingredients prior to mixers and blenders.
 - Ideal for use with in-plant IBC's for lean manufacture.



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Russell Eco Filter®

Enclosed in-line filtration of your liquids to remove oversize contamination.

- Applications
- Check-screening incoming liquid products during tanker unloading.
 - In-process filtration of liquids.
 - Waste control for product reclaim or rework systems.
 - Screening final product before packaging or tanker loading.



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Blow Thru Sieve™

An enclosed in-line check-screener for removing contamination from dry powders while conveyed in a positive pressure blow line.

- Applications
- Check-screening incoming ingredients during tanker unloading.
 - In-process screening of materials during pneumatic conveying.
 - Screening final product before tanker loading.



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Compact Airswept Sieve™

The Airswept Sieve enables pneumatic conveying and check-screening of material from storage locations to your next process stage.

- Applications
- Check-screening incoming ingredients.
 - In process screening of materials, satisfying HACCP requirements.



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High Temperature Russell Eco Filter®

A jacketed Russell Eco Filter® for check-screening temperature sensitive liquid products.

- Applications
- Virgin and reclaim liquid chocolate.
 - Hot oil filtration.
 - Filtration of animal fats.



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Finex 22™

A mobile stand alone sieving unit for check-screening as well as accurate grading of your powders or granules.

- Applications
- Check-screening batches of ingredients.
 - High-speed version for viscous liquid products.
 - Separate or grade powders on up to four fractions.

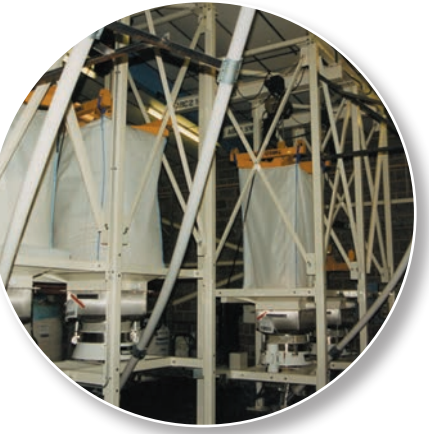


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Russell Compact Sieve®

A versatile high-capacity check-screener for liquids and powders. This unit fits neatly into your production process without requiring excessive headroom.

- Applications
- Check-screening incoming ingredients.
 - In process screening of materials, satisfying HACCP requirements.
 - Ideal for unloading bulk bags or for use with in-plant IBC's.
 - Screening of final products before packaging.

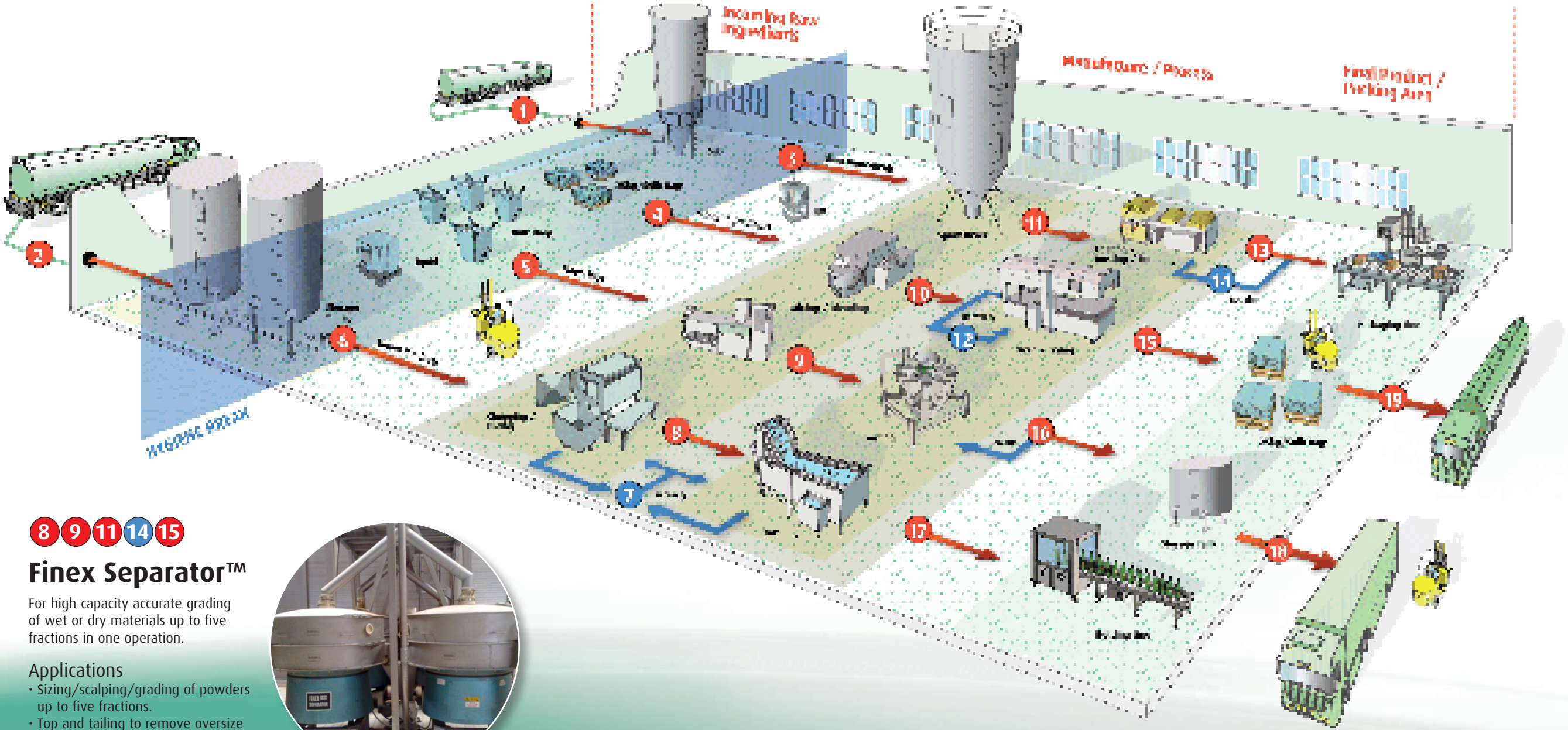


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Liquid Solid Separator™

A multi-purpose machine with the ability to remove large amounts of oversize solids from your liquid slurries and is adaptable to virtually any process.

- Applications
- Juice processing.
 - Curd and whey separation.
 - Effluent cleaning and water recovery.



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Finex Separator™

For high capacity accurate grading of wet or dry materials up to five fractions in one operation.

- Applications
- Sizing/scalping/grading of powders up to five fractions.
 - Top and tailing to remove oversize and fines from your product.
 - Dewatering and product recovery.

