



RUSSELL FINEX

Global Sieving & Filtration specialists

Ferrara Pan Candy maintains quality standards with the Blow Thru Sieve™ from Russell Finex

Russell Finex supply Ferrara Pan Candy with a customised Blow Thru Sieve™ fitted with the Easy-Clean Magnetic Separator™ to ensure no ferrous contamination passes through to the final product

With an ever-growing demand from consumers for increased food safety assurances, Ferrara Pan Candy invest in the Russell Blow Thru Sieve™ to further enhance their food safety control system by eliminating contamination from ingredients delivered to their site.

Founded in 1908 by Salvatore Ferrara, Ferrara Pan Candy, based in Chicago Illinois, originally started out as a retail pastry and confection shop. In 1919, following the formation of a partnership, the company expanded to manufacture a wide variety of popular confections, including Original Boston Baked Beans, Lemonhead, Red Hots, Jaw Busters and Atomic Fireballs.

Ferrara Pan Candy produces approximately 750,000 lbs of candy per day, and in order to sustain this production level, over one million lbs of sugar is delivered to the factory via rail each week. The sugar is then transferred from the rail car to a silo via a bucket conveyor.

Although sugar is refined when it is produced Ferrara needs to ensure there are no molasses, minerals or other non-sugar contamination or other foreign objects that may have entered the product during rail car filling and transportation. Therefore in order to enhance the quality of their processed sugar, Ferrara decided to invest in a screening system which would remove any contamination from the sugar after it passes through the silo and before it is used on each product line. "We recognized the need for a fail safe solution to maintain quality standards" explains Alfonso Rubio, Maintenance Technician.

After conducting a search on the Internet, Ferrara Pan Candy contacted Russell Finex for the supply of a check-screening system. Following consultation with the local Russell Finex sales representative, it was decided that the **Russell Blow Thru Sieve™** would be the most appropriate machine for the application. Russell Finex recommended this machine as it would fit neatly into the small space that they had available



Figure 1. Blow Thru Sieve screening sugar after it passes through a silo

- Safeguards quality of incoming materials
- Check screens and conveys in a single operation
- Easy-Clean Magnetic Separator™ removes ferrous contamination

to screen their sugar. In addition, with the sieve check screening and conveying in a single operation, product quality could be improved without sacrificing productivity.

However, in order to ensure this was the right machine for them, the product was tested on a demo unit. "We were very satisfied with the choice of machine, especially as production would not be slowed down as the sugar is screened whilst it is being blown to the next stage in the process", states Rubio.

In order for the machine to suit the installation better, the machine was customized. Firstly, the inlet of the machine needed to be in a different place to fit in with the existing

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process line. Secondly, the unit had to be adapted to allow for an **Easy-Clean Magnetic Separator™** to be installed on the machine. The magnet removes ferrous contamination that is small enough to pass through the mesh screen by trapping the metal on the bars whilst the sugar is being blown through. "Russell Finex were more than happy to customize the machine to meet our unique requirements", continues Rubio.

"We are very satisfied with our purchase. Russell Finex's commitment to providing testing and customization makes them the obvious choice for providing a quick, high quality solution", states Rubio.

John Conversa, Plant Manager, concludes "At Ferrara Pan Candies we pride ourselves on the quality of our products and take care to ensure our customers get what they expect and enjoy. The Russell Finex Blow Thru Sieve helps us achieve this high quality".

Russell Finex has over 75 years of experience manufacturing and supplying separators, screeners and filters to enhance productivity and ensure product quality. The company serves a variety of industries in over 100 countries with applications that include adhesives, ceramics, chemicals, colors, enamels, explosives, food, inks, latex, metal powders, paint, paper coatings, pharmaceuticals, plastisols, powder coating, and waste oils.

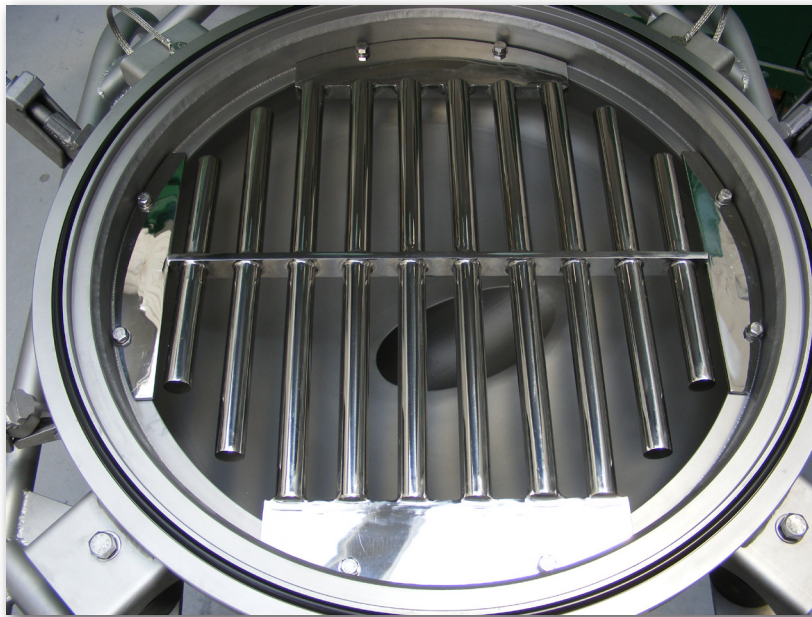


Figure 2. Magnetic Separator fitted to the Blow Thru Sieve™

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