

INCREASING PEANUT BUTTER PRODUCTION IN ARGENTINA

Votator® II Scraped Surface Heat Exchanger

Argentina is one of the world's leading peanut-producing and exporting countries, with approximately 95% of its peanut products exported to international markets, including the United States. From raw and roasted peanuts to peanut paste and peanut butter, processors throughout the country are responding to growing global demand while maintaining the product consistency and quality customers expect.

Waukesha Cherry-Burrell® Votator® scraped surface heat exchanger technology is helping peanut processors in Argentina increase production capacity while providing the controlled cooling required for high-quality peanut butter and peanut paste.

Challenge

Peanut butter processing requires careful control of temperature and viscosity as the product moves from grinding through cooling and final processing. The cooling stage is especially important because processors must gently reduce product temperature while controlling viscosity and gradually thickening the peanut butter to achieve the desired consistency.

At the same time, peanut processors in Argentina needed greater production capacity to meet growing export demand. Expanding output required a solution capable of delivering consistent cooling and product quality while allowing production lines to scale efficiently.

Solution

Working with local distributor IFE Servicio Técnico, Waukesha Cherry-Burrell introduced processors in southern Córdoba to the Votator II Scraped Surface Heat Exchanger, a solution designed to provide controlled cooling for viscous products such as peanut butter and peanut paste. For thick, sticky, shear sensitive products like peanut butter.

The Votator supports three critical stages of peanut butter processing:

- **Cooling:** Gently reduces peanut butter temperature to help maintain product quality.
- **Control:** Provides precise management of temperature and viscosity for consistent processing.
- **Thickening:** Allows viscosity to gradually increase as the product cools, helping achieve a stable finished product.



Most Argentinian producers on average increased peanut butter yield by more than 1,000 kilograms per hour.



The technology also supports a modular approach to production expansion. IFE Servicio Técnico developed modular peanut processing lines capable of starting at approximately 1,000 kg/hour of peanut paste, with the ability to expand to approximately 2,000 kg/hour by adding another Votator II heat exchanger.

Result

The introduction of Votator II technology has helped peanut butter processors throughout Argentina achieve significant improvements in production capacity while maintaining the controlled cooling required for consistent finished products.

- **Increased Production:** Most Argentinian producers incorporating a Votator II increased peanut butter yield by more than 1,000 kg/hour.
- **Scalable Capacity:** Modular processing lines can expand from approximately 1,000 kg/hour to 2,000 kg/hour by adding another Votator II.
- **Consistent Processing:** Controlled cooling, temperature management and viscosity control help processors achieve the desired peanut butter consistency.
- **Local Support:** IFE Servicio Técnico provides regional expertise and access to Waukesha Cherry-Burrell heat exchanger, pump and valve technologies for peanut processors in southern Córdoba.
- **Greater Export Potential:** Increased processing capacity helps Argentina's peanut producers respond to strong international demand for peanut butter, peanut paste and other peanut products.

The results demonstrate how scalable processing technology can help Argentina's peanut producers increase throughput without sacrificing the temperature and viscosity control essential to product quality. Much like your existing peanut butter success stories, where Votator technology is positioned around precise cooling, oil-separation control and scalable production, this Argentina story provides a strong proof point around capacity growth and modular expansion.

Learn more about Waukesha Cherry-Burrell Votator solutions

Votator II Scraped Surface Heat Exchanger



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