

Cannoli Producer Saves US\$69,000 Annually with AccuCoat® Spray System

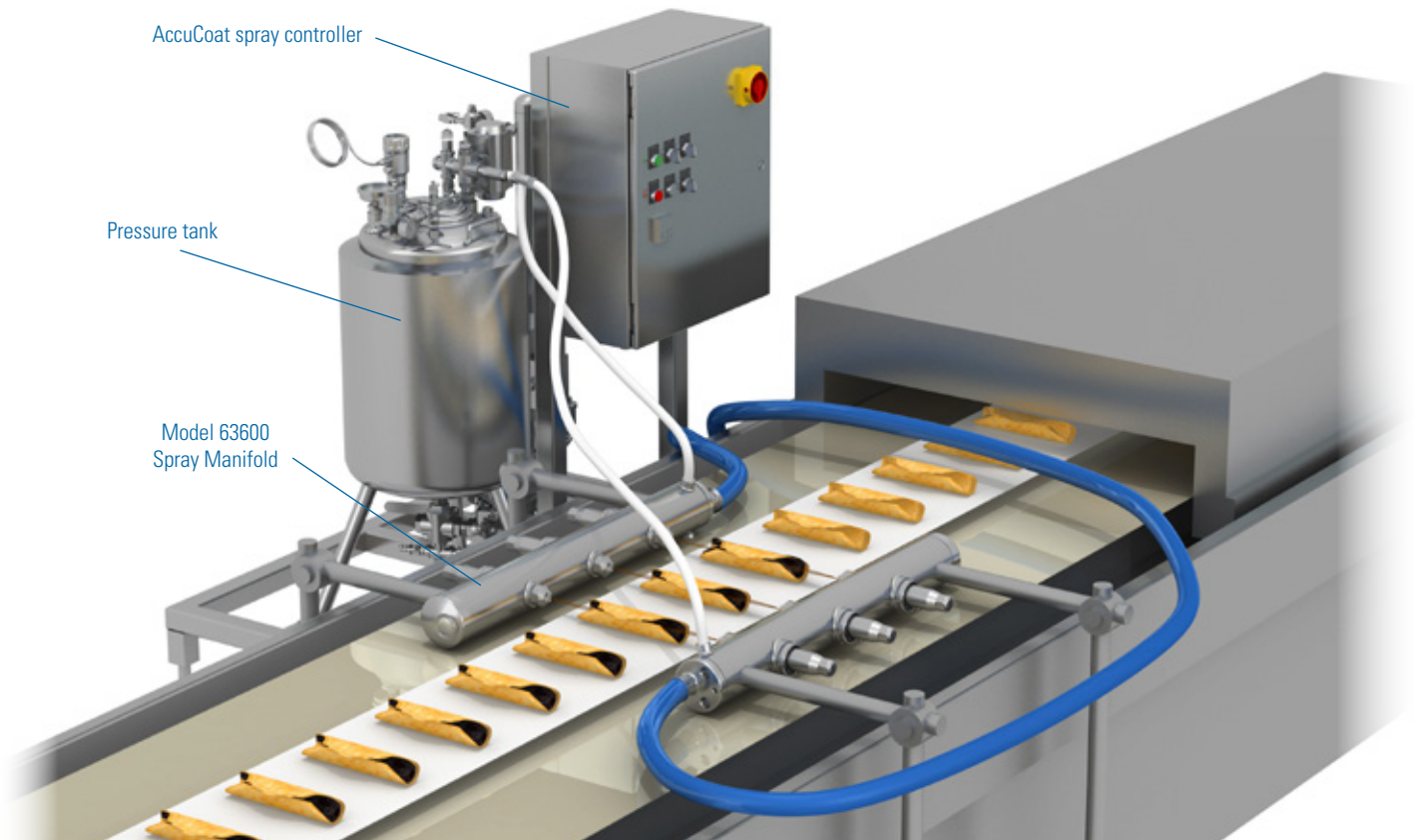


Problem:

A manufacturer was using an enrober to apply chocolate compound to 100,000 cannoli shells daily. The enrobing process wasted a significant amount of chocolate and required excessive downtime for equipment cleaning. In addition, the chocolate compound was over-applied and increased the calorie count of the cannoli.

Solution:

An AccuCoat Fully Jacketed Heated Spray System is now used to coat the inside of the cannoli shells. The system maintains the chocolate at 175°F (79.4°C) from the 10-gallon (38-L) tank until it exits the nozzles. A sanitary Model 63600 Spray Manifold, equipped with three air atomizing nozzles, is secured on both sides of a conveyor. Shells index three at a time and stop briefly so the nozzles can deliver a precise volume of chocolate to the inside of each shell.





Cannoli Producer Saves US\$69,000 Annually with AccuCoat® Spray System – Continued

Results:

Use of the AccuCoat Fully Jacketed Heated Spray System has resulted in a 50% reduction in chocolate use. The excessive labor and maintenance downtime required by the enrobing process have been eliminated. In addition, cannoli shells now have a consistent calorie since the chocolate is applied consistently to each shell. The manufacturer reports savings US\$69,000 annually since the installation of the AccuCoat spray system and a payback period of 16 months.

A CLOSER LOOK AT THE SYSTEM



Model 63600 Spray Manifolds are available for use with hydraulic or air atomizing nozzles for heated or non-heated operations. Housing and all internal liquid and conduit lines are 316L stainless steel.

AccuCoat Fully Jacketed Heated Spray System uses closed-loop temperature control to reduce the viscosity of the coating and enable uniform application. The coating temperature is maintained from the tank to the target and eliminates problems caused by over- or under-heating solutions.



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