



VORTEX ROLLER GATE HANDLING SUGAR AND MILK POWDER

Customer:  Blommer Chocolate
Union City, CA

Material: Cocoa butter, milk powder, sugar, cocoa powder and misc ingredients.

Application: Discharge blended product from the bottom of a dry mixer onto a steel belt conveyor.

Challenge: Replace present knife gates that leak material and bind up.

Valve: Vortex Roller Gate
Model SA12-MG-WS1-RS



Results:

Following a visitation by the Vortex Mobile Display Unit, Blommer ordered three (3) SA12-MG-WS1-RS Vortex Roller Gates. Each gate was equipped with manually adjustable, variable position controls. The controls allow the blade to go from the open position to a variable closed position to a fully closed position. This control option is one of many that valve customers may utilize to meter the flow of product through a Vortex valve.

The gates were installed in the fall of 2003. They worked so well that another was ordered and installed in the spring of 2004.

The gates have never bound up or leaked material and are easy to clean. The adjustable position controls allow personnel the ability to easily control the flow of material onto the belt conveyor.

Blommer plans to replace other knife gates in their facility with Vortex gates.