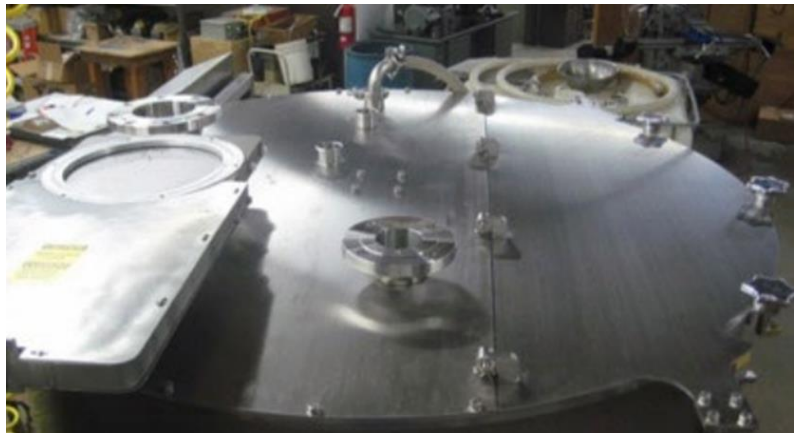


Customized Knife Gate Allows for the Dough to Rise

A US company that specializes in producing dough in the food industry contacted Aerodyne for a custom order. The company mixes all of its ingredients in a massive tank. They were looking for a valve that would allow them to have control of the flow of ingredients into the tank, but the valve needed to be made up stainless and aluminum construction. Looking for suggestions, the company contacted Aerodyne.

Aerodyne suggested the facility use the StopTight Knife Gate Valve. This material handling valve is used as a flow control valve. It can be used either in the line of flow or at the point of discharge. Using a linear motion, a blade advances until the passage is closed or it withdraws until the passage is open. In the closed position, the knife gate valve is designed to seal tightly. Aerodyne has a large selection of knife gate valves which can be used to handle a variety of materials and operating conditions.



Aerodyne was able to fabricate a knife gate valve made of aluminum, stainless steel, and nylon to effectively control the introduction of contents into the mixing tanks as well as stay within the regulations.