

Pig Plant Washdown Chemicals

Case Study

Sandpiper S1F Pumps For Harsh Chemical Transfer

Company Profile: One of the world's prominent food processing companies has multiple food processing plants globally. This company plays a critical role in processing value-added chicken, beef, and pork both for U.S. domestic and international markets.

Industry: Food & Beverage, Meat Packing

Products: Standard Duty Ball Valve Pumps S1F

A leading meat processing company uses SANDPIPER Polypropylene pumps for their Clean-In-Place (CIP), Clean-Out-Of-Place (COP), and Foaming systems. These systems use chemicals, detergents, and heat to clean internal and external surfaces that come into contact with food and other sanitary products.

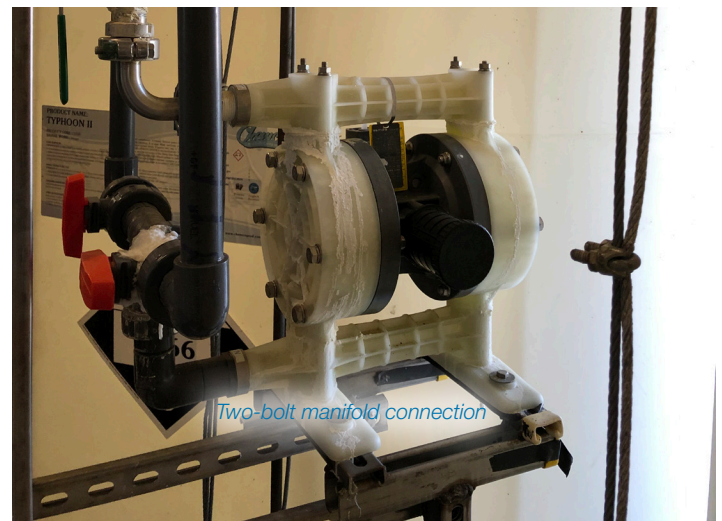
Every meat, food, pharmaceutical, and personal care facility has some type of cleaning system they either built locally or purchased as a turnkey system from an original equipment manufacturer (OEM). Air Operated Double Diaphragm (AODD) pumps are commonly designed into these systems because they are a low-cost alternative to other pump technologies, compact, and generally reliable.

However, many end-users don't realize not all AODD pumps are created equal. OEM quality and other low-price-point pumps that are sometimes applied, utilize inferior designs such as the two-bolt manifold connections shown here that do not effectively contain chemicals. The company featured in this case study uses **SANDPIPER 1-inch S1F Standard Duty Polypropylene pumps** that feature 4-bolt construction manifold connections that are reliable and leak-free therefore protecting their people and the environment.

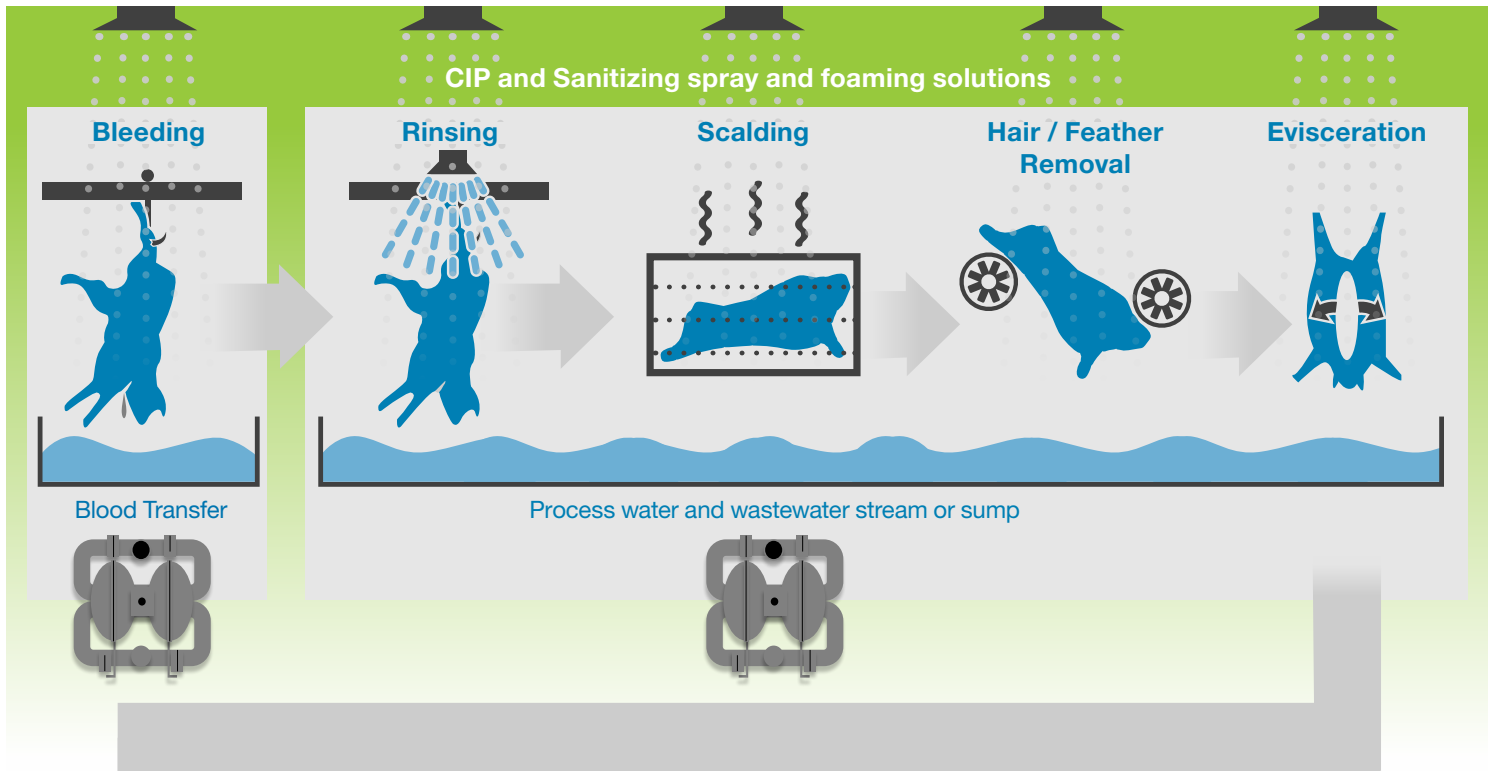
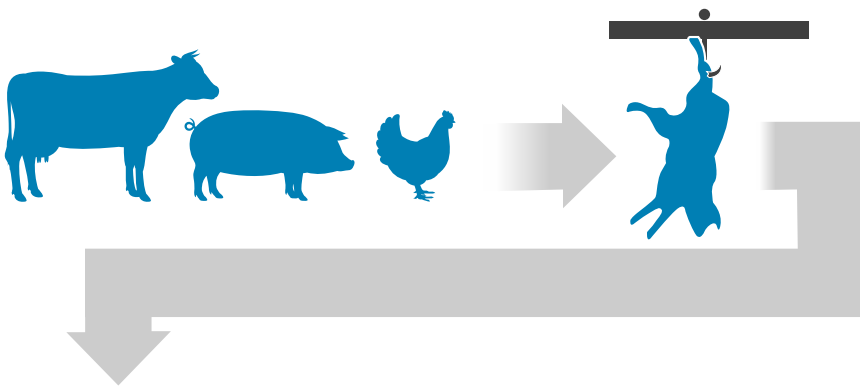


Other features of SANDPIPER's S1F pumps include, all bolted construction, center discharge port for even distribution of pipe stresses, re-configurable suction and discharge ports, and superior displacement-per-stroke for typically longer service life.

For more information on this application contact Warren Rupp, Inc.



Stunning and Suspension



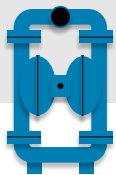
Cutting



Packaging



Utilizes Sandpiper's Standard Duty Ball Pump



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