

# PRITCHARD

## Technologies, Inc.

## HYDRAULIC ACTUATION SYSTEMS

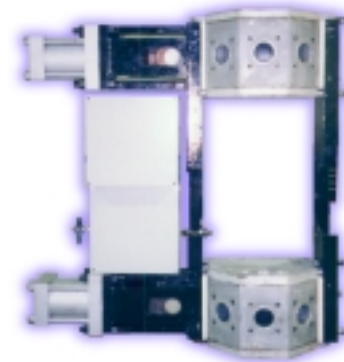
### The Problem:

Your slide diverter valve leaks and will not move when you have to make a filter transfer. You have to shut your line down in order to make repairs, costing you thousands of dollars in lost production and profits.

### The Solution:

**Pritchard Technologies Hydraulic Actuation Systems.** Our actuation system provides greater power to move the slide, eliminates valve leakage and extends the service life of your valves.

The twisting force imparted on the valve by an electro-mechanical actuator causes leakage, and with every transfer, the force required to move the valve becomes greater than before. Eventually, the actuator fails or the amount of valve leakage becomes a safety hazard. Either event will **require a costly shutdown of production** in order to repair the valve, resulting in lost production and lost profits.



Our hydraulic actuation system **eliminates the twisting** that is so detrimental to the valve's performance. It delivers as much as two to three times more pushing and pulling thrust than a comparable electro-mechanical actuator. **This additional power allows greater clamping forces to be applied to the valve, increasing the sealing capacity, preventing possible leakage and extending the service life of the valve.**

**Pritchard Technologies can retrofit your existing system with one of our hydraulic actuation packages.** This can usually be performed while the line is still in operation, allowing you to continue to generate profits.

### The Results:

With Pritchard Technologies unique system, a filter transfer will quickly become a "non-event" for line operators and mechanics, freeing them to focus on increased production. Our system increases filter service life, improves productivity and maximizes your return on investment.

Take the first step by **contacting Pritchard Technologies** at (803) 831-1619 to discuss your application and receive the information that will show you how **to eliminate problems associated with your filter system transfers.**

Pritchard Technologies provides design, manufacturing, research and development, field services, and professional consulting in the area of polymer filtration systems and chemical process equipment.