Diaphragm Pump AP50

Introducing Our 50 CFM vacuum (diaphragm) pump, High-Performance Diaphragm (Vacuum) Pump.
Experience unmatched reliability and performance with our Diaphragm Pump, purpose-built for automatic self-priming applications across demanding industrial, mining and municipal environments.

For more information or to place an order,
contact us today!

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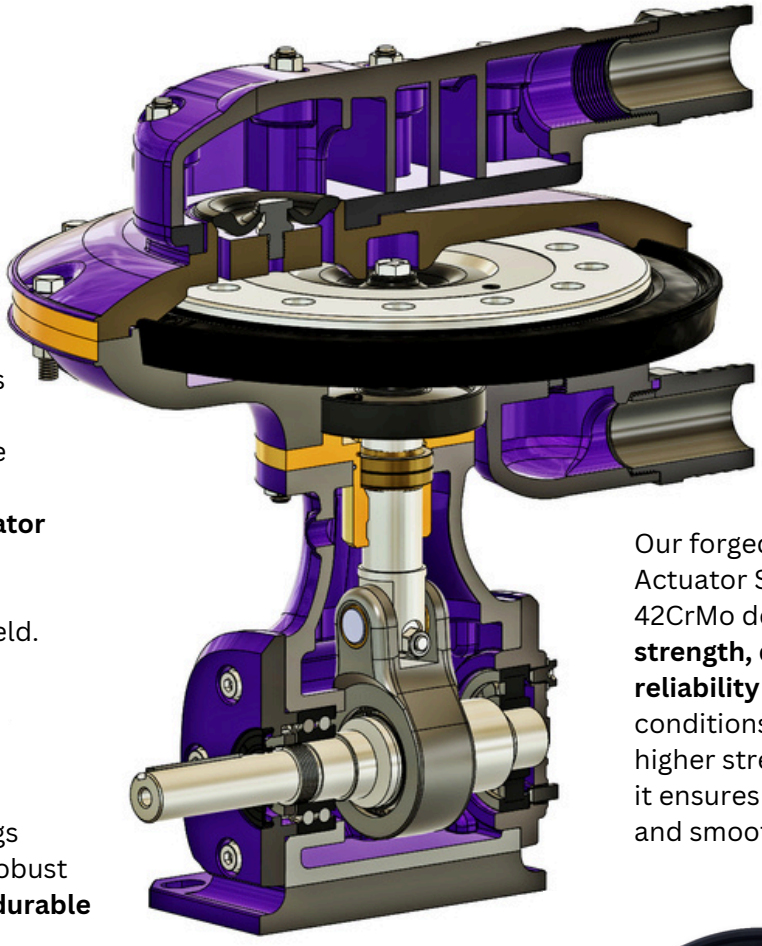
Our heavy-duty industrial diaphragm pump is engineered for maximum durability and performance, featuring robust components such as a forged 42CrMo crankshaft and actuator shaft, high-performance EPDM rubber elements, and a two-piece actuator design. We also offer **optional** Vacuum Pump monitoring and fault detection capabilities.

Our two-piece design delivers the same performance and functionality as the one-piece version, with the added advantage of **simplified actuator seal installation and replacement**—whether in the workshop or directly in the field.



Silenced outlet exhaust ensures **quieter operation** and improved compliance with noise regulations.

Heavy-duty industrial bearings configuration, paired with a robust crankshaft, delivers a **highly durable and reliable setup.**

Our forged Crankshaft and Actuator Shaft made out of 42CrMo delivers **superior strength, durability, and reliability** under extreme conditions. Designed to handle higher stress, impact, and wear, it ensures **longer service life** and smoother performance.

This pump is **fully interchangeable** with leading OEMs (Original Equipment Manufacturers) of this product. It features a **slotted base plate**, enabling flexible and secure mounting configurations for **quick installation** and effortless alignment.

EPDM (Ethylene Propylene Diene Monomer) Rubber Components due to its **excellent resistance to water, steam, acids, and alkalis.** It performs well in a wide temperature range (-40°C to +130°C), and UV resistance, and **offers excellent flexibility**, which helps maintain sealing performance over time.

This Diaphragm Pump is designed for **long service life, low maintenance**, and seamless integration into both new builds and retrofit applications. Whether upgrading an existing system or standardizing across a fleet, this solution delivers **performance, reliability,** and engineering **efficiency**