

WILDEN®

Expert
Solutions
for Upstream
Oil & Gas
Applications

OIL & GAS
Product Brochure



Where Innovation Flows

wildenpump.com

AIR-OPERATED DOUBLE-DIAPHRAGM PUMPS





Oil & Natural Gas Production Demands Performance and Efficiency



As technology continues to drive increased production levels, operators within the oil and gas industry understand technology must also deliver reliable performance and energy efficiency to maximize profit potential. From the drilling site to the tank battery and storage of crude oil and condensate, operators demand their pumps deliver:

- Consistent flow rates
- Handling liquids of varying viscosities
- Product containment
- Minimal maintenance
- Energy efficiency

Everyday and all year it is all about uptime, so the equipment, including pumps, must be rugged and reliable enough to perform under extremely demanding conditions 24/7/365.

Consistent Performance is Key

Finding the right pump that can meet every requirement is easier said than done. Volumetric consistency is paramount for the operator because the pumps frequently run continuously, so a consistent, reliable flow rate is necessary to ensure that production rates and quotas are met. Also, upstream market pricing demands require operators to be sure they are being as energy efficient as possible during production - whether the upstream application is salt water transfer/disposal, glycol and lube oil transfer or tank bottom circulation.

The Wilden® lines of natural gas and air-operated double-diaphragm (AODD) pumps are engineered to deliver uncompromising operational advantages and maximum energy efficiency. They provide operators the broadest solution options available to optimize upstream oil and gas production, while reducing processing costs to enhance the bottom line.

Why Wilden AODD Pumps?

Wilden Advanced™ AODD pumps feature the innovative, yet simple, Pro-Flo® SHIFT Air Distribution System (ADS) that automatically optimizes air consumption and eliminates overfilling with no reduction in flow rate. For additional efficiency, the Wilden Advanced FIT line of pumps further maximizes productivity and flow with its optimized fluid paths. Equipped with genuine Wilden diaphragm components, the Wilden Advanced pumps provide:

- Maximum operational efficiency (SHIFT ADS achieves up to 60% savings in air consumption)
- Highest performance ratio (highest flow versus air consumption)
- Superior flow rate
- Maximum Time Between Repair (MTBR)

The easy-to-maintain Wilden Pro-Flo X™ line of pumps incorporates the innovative and patented Efficiency Management System (EMS™) ADS technology and proven long-lasting Wilden diaphragm components to deliver:

- Minimal maintenance requirements
- Longer service life
- Maximum energy efficiency
- Lowest life-time ownership cost