

WILDEN®

Expert
Solutions
for Upstream
Oil & Gas
Applications

OIL & GAS
Product Brochure



Where Innovation Flows

wildenpump.com

AIR-OPERATED DOUBLE-DIAPHRAGM PUMPS

airpumping.co.uk

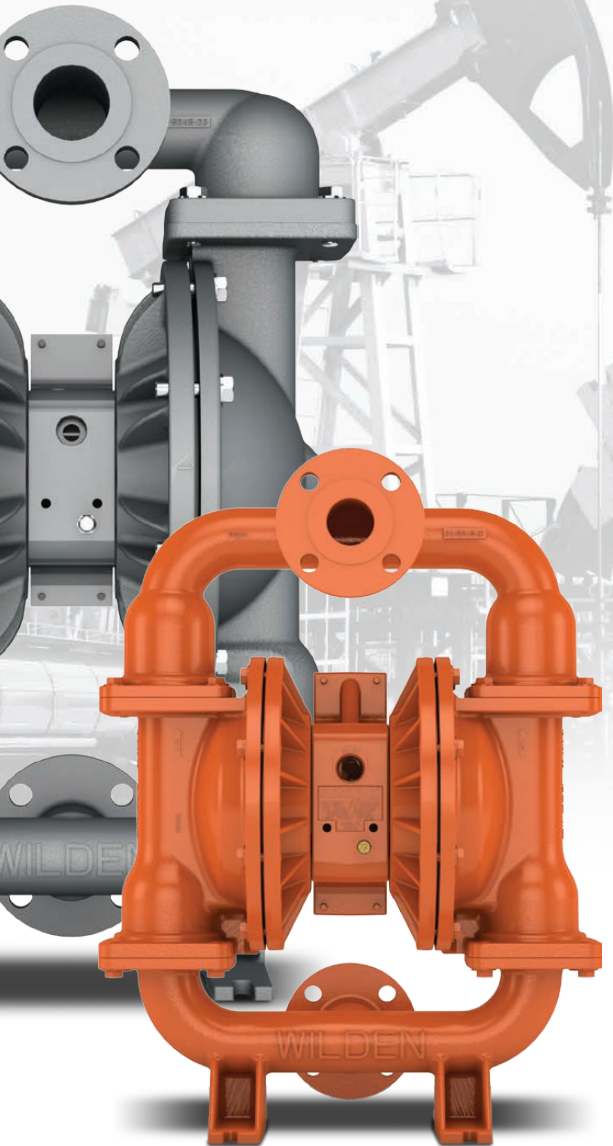
of 1979

Unit 16, Upminster Trading Park, Warley St, Upminster, Essex, RM14 3PL, ENGLAND


a **DOVER** company



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.

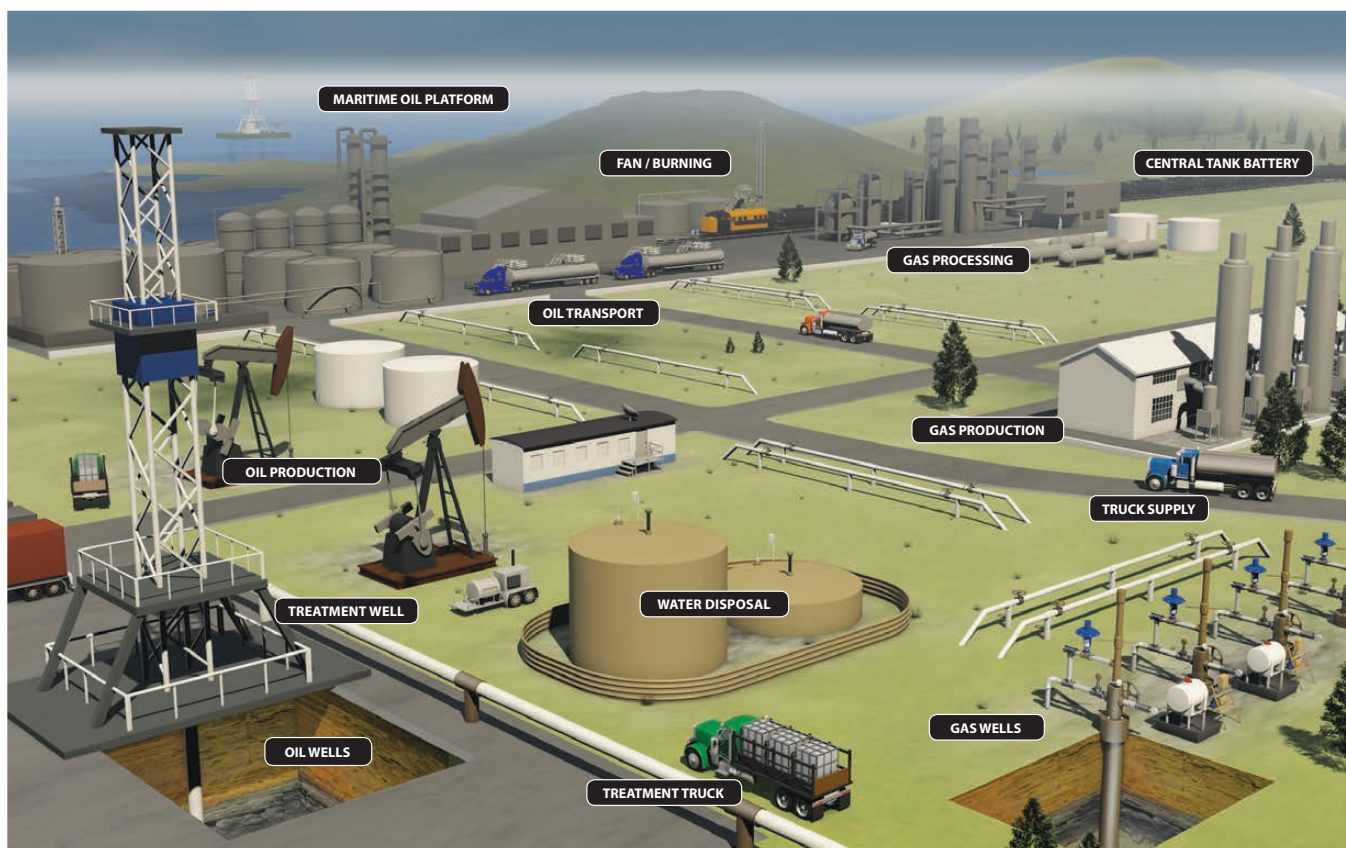
Why Wilden AODD Pumps?

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



Serving the Upstream Demands of Oil & Gas Production

For low-flow rate applications, such as oil circulation/transfer and service trucks, the natural gas-operated and CSA-certified pumps from Wilden not only match performance of competitive pumps, they deliver unequalled energy efficiency. Wilden CSA-certified pumps are available in aluminum or stainless steel and with either the Pro-Flo SHIFT or Pro-Flo X ADS options including GPX1, GPX200, GPS420/430, GPS820/830 and GPS1520/1530*.

In high-flow rate applications, like bulk and chemical transfer, the Wilden ATEX- and CE-certified PX400, PX800 and PX1500 and PS400, PS800 and PS1500 lines of compressed air pumps are designed to deliver maximum flow rates with superior operational energy efficiency versus competing pumps.

The Wilden Pro-Flo X and Pro-Flo SHIFT technologies provide operators in the upstream oil and gas production sector unmatched flexibility and control between required flow rates and energy consumption. Every metallic PX and PS pump is fully groundable to prevent static discharge, and all are designed to meet the strictest demands of the oil and gas industries to deliver safety, reliability and efficiencies required in today's energy conscious and performance-driven applications. These applications include:

- Bulk Transfer
- Tank Bottom Circulation
- Glycol & Lube Oil Transfer
- Engine Pre-Lube
- Utility & Service Trucks
- Filtration
- Diesel Fuel Transfer
- Flare Knockout
- Chemical Injection/Transfer
- Wellbore/Compressor Heat Trace Circulation
- Flow Line Injection
- Settling Pond Transfer
- Spill Clean-Up
- Sumping

*GPS1530 available in stainless steel only

Where Innovation Flows

WILDEN®

PSG
22069 Van Buren Street
Grand Terrace, CA 92313-5651 USA
P: +1 (909) 422-1730 • F: +1 (909) 783-3440
wildenpump.com

PSG reserves the right to modify the information and illustrations contained in this document without prior notice. This is a non-contractual document. 01-2016

Authorized PSG Partner:

airpumping.co.uk

est. 1979

Unit 16, Upminster Trading Park, Warley St., Upminster, Essex, RM14 3PJ, ENGLAND