

Markets and Applications

Oil & Gas

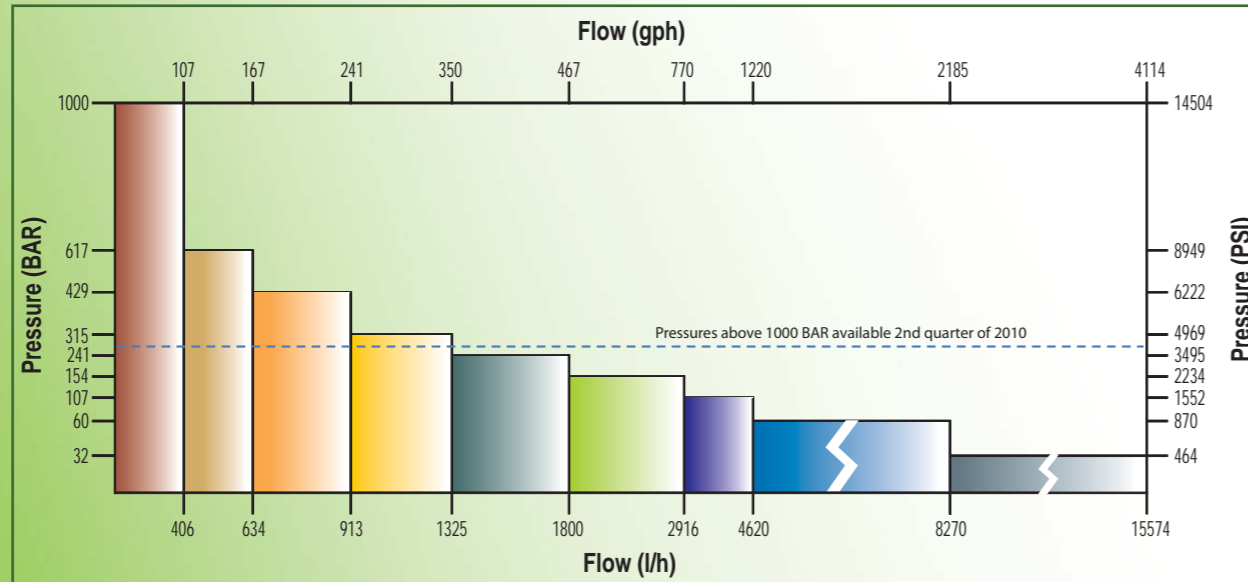
- Biocides
- Corrosion Inhibitor
- Demulsifiers
- Enhanced Oil Recovery
- Flare Knockout
- Glycol
- Methanol
- Oxygen Scavenging
- Sour Water

Chemical and Petrochemical

- Ammonia
- Chlorine Dioxide
- Ethylene Glycol
- Ethylene Oxide
- Methanol
- Propylene

Serviceability

- Patented hydraulic diagnostic package helps to monitor and helps ensure correct pump performance
- Patented Push to Prime allows for easy priming of the pump head
- Patent Pending front pull-out design, for efficient and simplified maintenance
- Check valves are removable without disassembly of piping
- External valves and controls
- KOPkits*- “Keep On Pumping” Kit provide cost effective maintenance and minimal downtime
- **Five Year Drive Train Warranty****



For more information please email:
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*Pulsafeeder is an ISO 9001 and 14001 Registered company" * KOPkits® contain the recommended spare parts off the liquid end that typically require preventative maintenance such as diaphragm, check valve seats, balls and O-rings. Pulsapro™ 900/April 2009



Five Year Drive Train Warranty



Pulsapro™ 900
 Process & Diaphragm Metering Pump



Introduction

An innovator for over seventy years, Pulsafeeder has been an established leader in the pump industry that other competitors strive to imitate. Through extensive voice of the customer research, our engineers developed the next technological evolution in the Petrochemical/Petroleum/Chemical Processing markets; the Pulsapro™ 900. Easy to operate, simple to maintain, the Pulsapro™ 900 is designed to produce higher flows at higher pressures.

The Pulsapro™ 900 is built to last. Its modular construction is durable, system-resilient, and user-friendly. The four motor mounting options offer installation flexibility. It's the first choice for quality.

The fluorocarbon lined reagent head option protects your investment. Impervious to multiple process fluids, it offers higher corrosion resistance than most standard heads available on the market

Specification

Product Scope

- Modular Configurations: Simplex, Duplex, Triplex and Quadriplex
- Flows up to 62,000 lph (16,380 gph)
- Innovative Front Pull-Out Design
- Meets and Exceeds: API 675, CE, ATEX
- Four Bolt Tie Bar Design
- Sandwich diaphragm pressure leak detection
- Manual stroke length control standard (optional VFD)
- Accuracy up to +/- 0.5%
- Process Temperature from -73°C (-100°F) to 370°C (700°F)
- Viscosity standard at 3,000 cps, higher options available
- Metric Fasteners
- No Welds on Wet End Parts
- Universal Design: Connections available in NPT/ISO and ANSI/ISO Flanges
- Oil level sight gauge ensures proper oil level

Materials of Construction

- Reagent head: 316L, Alloy 20, Hastelloy C Fluorocarbon-lined and others
- Check Valves: 316L, Alloy 20, Hastelloy C and others
- Diaphragm: PTFE, metal
- Gearbox: Cast Iron

Features & Benefits



- **Modular Design**
- Simplex, Duplex, Triplex and Quadriplex
 - Space saving multiplex arrangements
 - Horizontal and/or vertical motor arrangements



- **Fluorocarbon Lined Reagent Head Available**
- Highest corrosion resistance
 - Cost effective
 - Alternative for all high alloys metal construction



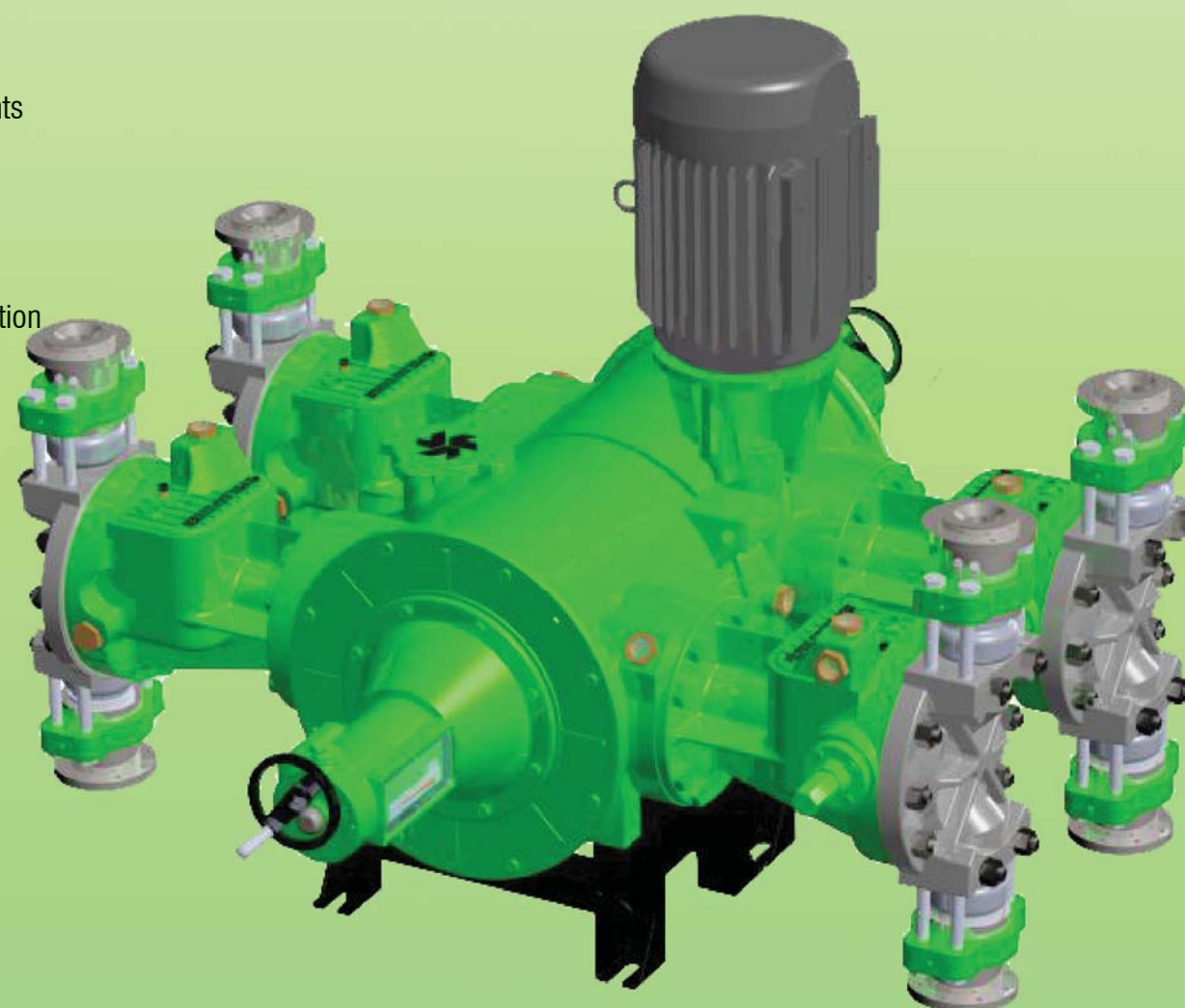
- **Four Bolt Tie Bar Design**
- Resistant to pipe stress
 - Provides rigidity to check valves
 - Helps promote leak free operation
 - Quick removal of check valves without removing any piping



- **Unique Ball Valve Design**
- Knife edge seats
 - Accurate, efficient, flow transfer
 - Simple three component design
 - Flute guided



- **Disc Valve Assembly**
- Leak-free design
 - Low cost renewable components
 - Designed for higher pressures
 - All metal construction-PTFE o-ring seat



- **Hydraulic Diagnostic Package**
- Visual indication of pump performance
 - Visual verification of system upset
 - Suction and discharge



- **Hydraulic Bypass Valve**
- Provides protection against pump overpressurization
 - Externally adjustable
 - Continuous visual inspection



- **Hydraulic Performance Valve**
- Externally serviceable cartridge valve design
 - Protects against suction restrictions
 - Allows for greater viscosities and solid contents



- **Manual Stroke Length Control**
- Simple, rugged design
 - Dual scale capability-percent and flow units
 - Common stroke adjustment for duplex assemblies
 - Individual stroke control available with dual boxes



- **Manifolds available as an accessory**
- 2, 3, or 4 pump manifolds
 - System ready configuration with pulsation dampeners and PRVs