

**Five
Year Drive
Train
Warranty**



PulsaPro[®] **900**
Process & Diaphragm Metering Pump

Introduction

An innovator for over seventy years, Pulsafeeder is an established leader in the pump industry that others strive to imitate. Through extensive voice of the customer research, our engineers have developed the next technological evolution for the 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 with accuracy and reliability.

The Pulsapro 900 is built to last. Its modular construction is durable, system-resilient, and user-friendly. With the use of several proven and time tested features from its existing Pulsar[®] product family and with the incorporation of several new and unique features, Pulsafeeder has taken the meaning of the term “value added” to the next level. It’s the first choice for quality.

Pulsapro 900 features a full five year warranty on drive-train components, the longest standard warranty in the industry. The Pulsapro 900 incorporates new, innovative patent-pending features with Pulsafeeder’s time tested technologies. It’s the smart choice.

Features & Benefits



Modular Design

- Simplex, Duplex, Triplex and Quadruplex
- Space saving multiplex arrangements
- Horizontal and/or vertical motor arrangements
- Also available in fixed stroke 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
- 4-Flute guided



Disc Valve Assembly

- Leak-free design
- Low cost renewable components
- Designed for higher pressures
- All metal construction-PTFE O-ring seat



Specification

Product Scope

- Flows up to 62,000 lph (16,380 gph), Pressures to 500 bar (7,252 psi)
- Modular Configurations: Simplex, Duplex, Triplex, and Quadruplex
- Complies with API 675, CE, ATEX, NORSOK, NACE and GOST
- Four Bolt Tie Bar Design
- Double diaphragm pressure leak detection
- Manual stroke length control standard (optional VFD or XP actuator available)
- Accuracy to +/- 0.5%
- Process Temperature from -40°C (-40°F) to 121°C (250°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

Materials of Construction

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



→ Hydraulic Diagnostic Package

- Visual indication of pump performance
- Visual verification of system upset
- Oil level sight gauge ensures proper oil level
- Internal pressure relief valve
- Push to Purge & Prime button



→ 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



→ Explosion Proof Actuator

- Easy set up
- ATEX EExd IIB T4 rated, Nema 7 XP Class I, Div 1, Grp C&D standard
- 4 user configurable indication contacts
- Digital 4-20 mA input and output
- Remote Control

Serviceability

- Patented hydraulic diagnostic package helps to monitor and 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 pressure relief and make-up valves
- KOPkits* - "Keep On Pumping" Kits provide cost effective maintenance and minimal downtime
- **Five Year Drive Train Warranty****

* 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.

** Please see IOM for details

Markets

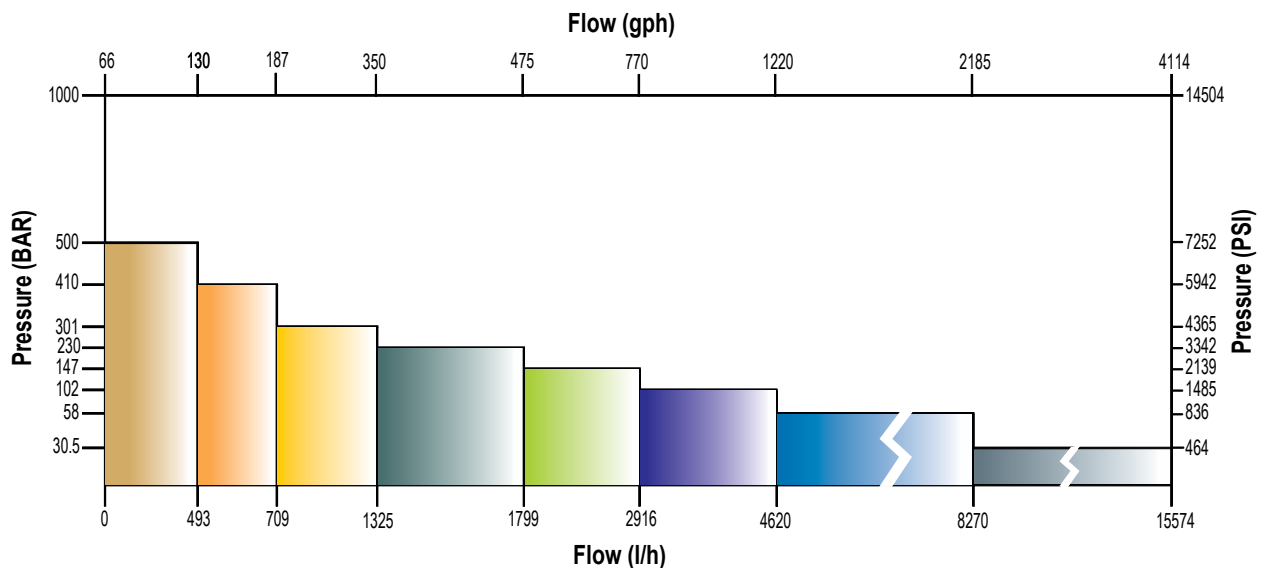
- Refining
- Oil & Gas
- Chemical
- Petrochemical
- Power & Energy

- Chemical
- Mining
- Water & Wastewater
- General Industries

Typical Applications

- CO₂ Transfer
- Corrosion Inhibitor
- Demulsifiers
- Enhanced Oil Recovery
- Flare Knockout
- Glycol
- Methanol
- Oxygen Scavenging
- Sour Water
- Ammonia
- Polymers
- Ethylene Glycol
- Ethylene Oxide
- Methanol
- Propylene

PulsaPro® 900 Flow and Pressure Capability



pulsafeeder.com



2883 Brighton Henrietta TL Rd
Rochester, NY 14623

Phone: ++1 (585) 292-8000

Fax: ++1 (585) 424-5619

An ISO 9001 and ISO 14001 Certified Company

An IDEX Water & Wastewater Business 

PRO01 J11