



THE LEADING FORCE behind liquids™ since 1857

Product Value Propositions

Gear Pumps



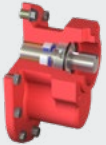
3600

Provides consistently high performance in the toughest conditions - and the fastest loading/unloading for transfers - so you can meet your production goals and keep your product moving.



Bulk Liquid Series

6" to 8" pump designed with capacities up to 1,000 GPM. Ideal for railcar unloading and barge unloading.



3600 Short Back Plate

A smaller, lighter, and more compact transportation pump that reduces installation space requirements. The enclosed lip seal doesn't need to be adjusted like traditional packing reducing maintenance costs and increasing up time.



5600

Rubber gear technology ideal for highly abrasive applications with up to pea-size particles.



3600 EVO

Long-lasting pump moves high temperature and high abrasive fluids with ease, so you can maximize efficiency and minimize costly down time. Made with tungsten carbide bushing and EVO plated shafts.



9600

High flow, heavy-duty stainless steel pump that performs well in a corrosive environment.



A Series

Quite-running, long lasting, compact pump designed to run at motor speeds on various liquids and high temperatures.



F Series

Compact, versatile, high-pressure gear pump.



AE Series

Stacked A-series pump designed to reach higher flow rates, pressures than the standard A-series and run at motor speed.



ROC

Corrosion resistant stainless steel gear pump built for trouble-free service on aggressive liquids.



2835 Series

Designed with oversized 1.5" ports this pump is ideal for low flow highly viscous liquids such as Honey and liquid feed.



V Series

Magnetic drive, seal-free pumping. Material designed to handle corrosive environments.

PC Pumps



Xeric

Metal-on-metal design is capable of running dry without damaging the stator, eliminating the need for constant monitoring, minimizing wear, and reducing the risk of costly equipment failure.



70200

Ideal for handling a wide variety of materials which are often considered unpumpable, the 70200 offers a practical solution for tough pumping problems like highly viscous, abrasive, shear sensitive, or solid containing materials.



DOC# PB-PRODUCT-VALUE-PROPOSITIONS-2023-REV1

Typical Applications & Primary Features



3600

Typical Applications

- Mix, circulate, and transfer high and low viscous fluids
- Gasoline, asphalt, molasses
- Ink, roofing compounds, oils

Primary Features

- Precise tolerances for maximum efficiency
- Direct drive or built-on gear reducers
- Bi-directional rotation*



A

- Pressure lubrication
- Hydraulic service
- General transfer applications

- Operates at motor speeds
- Bi-directional rotation*
- Close coupled capability



F

- Hydraulic power for lifts, machine actuation, fuel burners, and blenders
- General transfer of oil and petroleum fluids

- 2 inlet ports, 2 outlet ports allow multiple piping arrangements (except F150 - F300)
- High Pressure Range
- Maintain pump without pipe removal



Z

- Industrial applications requiring a special mechanical seal

- ANSI Flanges
- Many parts interchangeable with 3600 Series
- Direct drive or built-on gear reducers
- Bi-directional rotation*



3800

- Oil fields including light & heavy crude oil
- Kerosene mixtures, condensates and hot oils

- Sealed ball bearings
- Quadruple grease purged lip seals
- Helical gears for quiet operation
- Bi-directional rotation*



Bulk

- Fuels, solvents, petrochemicals
- Residual fuel oils, molasses, resins
- Tankers, barges, process plants, refineries

- Large ports (6" and 8" available) allow more efficient transfer of fluids
- Through port design allows for lower inlet and outlet losses



5600

- Hydroseeding
- Grouting, seal coating, oil and sand
- Wastewater, waste oil, sludge, slurries
- Brine, paper pulp, fertilizer feeds

- Rubber covered gears
- Bi-directional rotation*
- Abrasive applications; up to pea size particles



2835

- Roofing compounds
- Molasses
- Feed supplements

- Operates at standard motor speeds
- Large ports allow easier fluid entry
- Built-in relief valve



V

- Hazardous liquid transfer
- "Zero leakage" applications due to environmental concerns
- Chemical and petroleum applications

- Mag-drive, seal-less design eliminates leakage, seal repair costs, and down time
- C-face mount eliminates misalignment
- Bi-directional rotation and self-priming*



ROC

- Chemical processing
- Pharmaceutical industry
- Injection or transfer of acids & solvents

- Stainless steel construction
- Bi-directional rotation*
- Mag-drive, sealless option (X5-03 only)



9622

- Chemical and transport applications
- Corrosive liquid transfer

- 316SS Housing
- 17-4 PH SST Gears / Shafts
- Built-in relief valve