



PROCESS & POWER



Authorized Distributor

Industrial Pump Solutions



☐ Centrifugal

☐ Diaphragm

☐ Piston/Plunger

☐ Regenerative Turbine

☐ Rotary Vane

☐ Vertical Turbine

☐ Progressive Cavity

☐ Submersible



Product Selection Guide

Let us make your pump system the best it can be



Centrifugal Pumps

ADAPTEK

- Advanced disc-rotor design available in direct-coupled, base-mounted, close-coupled, sump, submersible, vertical sump, dry pit, cantilever and self-priming models
- Rotor diameters from 6 to 20-inch.
- Available metallurgies: Ductile Iron, 316SS, A-20, CD4, Hastalloy, Carbon Steel, Titanium
- For all facets of industry requiring viscosities to 50,000 cPs, high solids, slurries to 80%, severe abrasives, delicate and/or shear sensitive liquids, entrained air, large/irregular solids, high temps, and high pressures.



ADAPTEK

BARNES/CROWN

- Century old leader in sump, sewage, effluent, and package systems for the contractor and/or end-user.
- Multiple submersible sizes ranging from ¼ HP to 60 HP, solids handling to 3", self primers to 3" Complete simplex and duplex package systems available as well as components such as: controllers, alarms, junction boxes, floats, and break aways.
- Flows to 2750 GPM and heads to 270' TDH



DEMING PUMPS

Product range includes

- End-suction general service and process pumps,
- ANSI horizontal and vertical inline process pumps,
- horizontally split double suction single and two stage pumps,
- submersible motor and vertical column sump pumps
- horizontal and vertical solids handling pumps



DEMING

They can be applied wherever fluids must be reliably and efficiently transferred -- from general industry to nuclear applications.

Flows to 8000 GPM and pressure to 780' TDH

EBARA

- Meets a wide range of industrial, municipal, flood control, residential water and wastewater applications.
- Cast-iron line of pumps includes submersible sewage, submersible sump, semi-vortex, vortex, grinder, non-clog, and dry pit models.
- Comprehensive line of corrosion resistant formed stainless steel pumps that include end suction centrifugal, multistage, submersible sump, effluent, and sewage pumps.
- HP from ½ to 800, flows to 55,000 GPM, and pressures to 930' TDH



EBARA

FINISH THOMPSON

- Constructed from rugged, corrosion-resistant materials including heavy gauge stainless steel and plastics specifically engineered for maximum corrosion resistance.
- Available in either vertical or horizontal configurations either mechanically sealed or magnetically coupled for sealless operation.
- Mag drive pumps feature high-powered, rare earth magnetic couplings.

Flows to 330 GPM and pressure to 325' TDH



Centrifugal Pumps



GRINDEX

- Covers almost any application within building/construction, mining, quarries, tunneling as well as municipal and other demanding industries.
- Designed for drainage and sludge, Grindex is available in metallurgies ranging from aluminum to cast iron to all stainless steel.
- HP to 140, flows to 5000 GPM and pressures to 750' TDH



GRISWOLD

- Parts interchangeability with the Goulds 3196, 3796, and 3996 provide a key alternative for most industrial customers requiring ANSI standard pumps at much more competitive pricing.
- Offers high quality self priming, end suction, line shaft turbine and submersible turbine line of pumps for almost any application.
- Flows to 4000 GPM and pressures to 395' TDH.



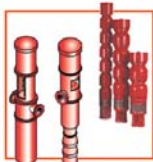
GUSHER

- Represents one of the largest selection of centrifugal pumps available from a single manufacturer.
- Models include: close-coupled, end suction, immersed, self-priming, vortexing, sludge, multi-stage, full cantilever for vertical or horizontal styles, self priming, pedestal/ column, and bolt-on receiver pumps.
- Considered the "Original" in the machining industry, capable of handling cutting oils, chips, high pressure coolants, all variants of tank mounts, and molten metals.
- Flows to 4000 GPM and pressures to 924' TDH



MTH

- Consist mainly of regenerative turbines covering capacities from 1 to 150 gallons per minute and pressures up to 1000psi.
- Manufactures a line of small centrifugals in ranges up to 60psi and 100GPM. Pumps are available in all iron, all bronze, bronze fitted, bronze ring, and 316 stainless steel.



NATIONAL

- Offers a full range of vertical turbine and submersible pumps, water or oil lubricated, threaded or flanged construction, with capacities to 15,000 GPM and pressures up to 1,500 PSI.
- All pump models are in stock as standard materials.



SUMMIT

- Provides a range of sealed centrifugal pumps available in various metallurgies and mechanical configurations including ANSI B73.1, Close-Coupled, Vertical Inline, Self-Priming non-clog (up to 6") and others.
- Pump parts are available to interchange with Goulds, Durco, Gorman Rupp, Worthington, Peerless, and other major OEM's.
- Greatest strengths lie in the petroleum, petrochemical, pulp and paper, and process industries as well as municipalities.
- Flows to 6000 GPM and pressure to 730' TDH



Positive Displacement Pumps



ARO

- Hydraulic & Pneumatic Piston offer the same great quality and reliability as air operated pumps with increased versatility and efficiency.
- Used for decades to increase productivity and minimize costs associated with transferring, extruding and applying a wide range of fluid and semi-fluid materials.
- Frequently utilized in the most difficult of applications.
- Designed to move medium to high viscosity fluids (15,000 to 1,000,000+ cPs) such as caulking, heavy lubricants, mastics, sealers, and inks.

BLACKMER

- Originator of the sliding vane technology.
- Ideal for superior suction lift and line stripping, elimination of slip and capacity loss, superior mechanical/energy savings, and able to self prime.
- Handles low viscosity thin liquids such as refined fuels, LPG, refrigerants, liquid carbon dioxide, and ammonia.
- High viscosity liquids to 4.5 mil SSU and higher.
- Up to 24% greater energy efficiency than gear pumps and ideal for shear sensitive liquids.
- Flows to 2300 GPM in sealed or mag-driven operation.



FMC

- Offers broad array of high pressure piston and plunger reciprocation pumps within the industrial, oil & gas, sewer cleaning, horizontal and vertical drilling, reverse osmosis and agricultural markets.
- Piston and plunger pumps are characteristically high efficiency pumps with rated efficiencies of 85%-90%.
- Flows to 1580 GPM and pressures to 10,000 PSI



HAIGHT

- Gear pumps built on the proven reliability of the "gear within a gear design" which they pioneered.
- Simple concept results in a stronger pump with fewer parts.
- Eliminates both the need for a gear reducer, and misalignment problems.
- Not dimensionally interchangeable with Viking, Haight provides superior service in most applications.
- Quality assured through their own on-site foundry.
- Applications: refrigeration, lubrication, filtration, fueling, injection, marine, power transmission, thermal processing, and API systems.
- Flows to 240 GPM





Positive Displacement Pumps



GRUNDFOS

- Combined with ALDOS Pumps, provides the most expansive offering of digitally controlled chemical injection/ metering pumps.
- Turn-down ratios 1000:1, accuracies of +/- 1%, remote monitoring/control, self-priming control, gassing chemicals, minimized pulsation, anti-cavitations mode, pulse batch, 0/4-20 mA control, easy calibration, extremely repeatable.
- Flows to 2 x 4000 l/h



TECH-MAG

- Mag-driven highly reliable, leak-free pumping for a wide range of chemical processes and critical OEM applications.
- Design features, reliability, and performance capabilities of the TECH-MAG far exceed that of other manufacturers.
- Compact size and interchangeability often allows a retrofit without costly system or piping modifications.
- Bodies in polypropylene, PVDF, and factory alloy are available in regenerative turbine, centrifugal, and sliding vane technologies.

TECH-MAG



VERDER ALFA LAVAL

- Rotary lobe and disc pumps available from the smallest metering application to large capacity transfer applications in all stainless steel or ductile iron when stainless steel is not required.
- Series SD Single Disc & Series DD Dual Disc reciprocating, mechanically driven pumps offer a cost-effective, low maintenance and efficient alternative to conventional pumping technologies.
- Flow rates up to 3000 GPM and differential pressures up to 145 PSI

VERDERFLEX PERISTALTIC

- Ranging from smaller pumps for use in OEM'S such as vending machines, benchtop and industrial tube pumps, up to the world's largest hose pumps for use in very heavy industrial applications.
- Water and wastewater, mining, food & beverage, chemical and pharmaceuticals, printing and packaging industries.
- Maintenance-free, no seals, check valves, or flap valves to clog, a variety of hose materials, suction lift and self-priming up to 8 m WC (26 ft H₂O), suitable for viscous, abrasive and aggressive materials, low shearing, single-head and dual-head, dry run without damage.
- Flows to more than 395 GPM, pressures to 235 psig





Drum and Diaphragm Pumps

FINISH THOMPSON

- Powered, portable drum pumps are designed to provide safe and easy transfer of a wide range of fluids including difficult to handle liquids such as acids, bases and solvents.
- Containers are quickly filled or emptied without spills or splashes.
- Many different models and pump tube lengths are available to satisfy diverse customer requirements.



ARO COMPACT PUMPS

- Ideal for OEM and General Industrial applications where peak performance, endurance, and reliability are a must, our compact pumps feature big performance in a small package.
- Large range of material and porting configurations.
- Flow rates up to 14.8 GPM (56 LPM)



ARO EXPERT SERIES

- Feature the best total cost of ownership of any diaphragm pump on the market.
- A favorite among process professionals, provides optimum energy-efficiency and downtime solutions.
- Flow rates up to 275 GPM (1041 LPM) and a large range of material and porting configurations.



ARO PRO SERIES

- Provide high performance and stall-free reliability.
- Flow rates up to 237 GPM (897 LPM).

ARO SPECIALTY

- Utilizing technology identical to other ARO Pumps, these Specialty models will provide the same high level of performance and satisfaction but in a design tailored for your specific application.
- Specialty pumps include: Drum Packages, Flap Valve pumps, Powder Transfer pumps, High Pressure pumps, Sanitary Transfer pumps, Centrifugal De-watering pumps, and Fuel Pumps.



Pump Accessories



LAKOS

- Separators and filtration systems for a wide variety of industrial applications.
- Readily separates settlable solids from liquid or removes floating organics utilizing cyclonic, sand, or bag filters.
- Uses range from cooling tower filtration (which is achieved by cleaning cooling tower basins), to heat exchanger protection to preventing sand damage to submersible pumps.

LAKOS
Liquid • Solids Separation Systems

FABTEK AERO

- Top-quality condensate return/ boiler feed packages known for their performance and efficiency.
- Interchangeable accessories, upgrading to most existing systems is easier.
- Produced in stainless steel, system life expectancies can exceed 3 times that of a traditional steel or cast iron system.
- Simplex, duplex, and custom systems available upon request.



FABTEK AERO



PPC MECHANICAL SEALS

- Currently operates in the most demanding applications throughout the process industry.
- Large and small customers utilize PPC's quality products, excellent technical support and quick deliveries.
- Applications include: pumps, mixers, compressors, centrifuges, and other pieces of rotating equipment.
- Range includes single and double cartridge seals, metal bellows seals, split single and double seals, as well as custom engineered seals in a broad range of materials and sizes.

PPC
MECHANICAL SEALS

WHEATLEY HVAC

- Triple-duty valves to 12", suction diffuser to 12"
- Flow diverters to 16", ASME bladder tanks to 550 gal, other tanks to 3,963 gal, chemical by-pass filter feeders, flash tanks, liquid level sight glass,
- ASME tangential air separators to 14", sediment removal separators to 12"
- Air scoops to 20", shell and tube heat exchangers to 20", Y-type strainers to 16", basket strainers to 20"
- Non-slam check valves to 14", globe style check valves to 16", butterfly valves to 12", globe flow regulating circuit balancer to 12", plug style balancing valve to 12", air release valves, pressure relief valves
- Single sphere flex connector to 24", double sphere to 12", stainless steel pump connectors to 14"

American WHEATLEY
HVAC PRODUCTS
A CIP COMPANY



ROTATING EQUIPMENT

- AST Mechanical Seals
- Barco Rotary Joints
- Bowie Rotary Lobe Pumps
- Cornell Hot Oil Pumps
- Griswold ANSI Process Pumps
- Gusher Multi-Stage Vertical, Self-Priming, End Suction, ANSI, Submersible & HVAC Inline Pumps
- Howden North America Fans
- Hydra-Cell Pumps
- KSB Boiler Feed Pumps
- Liberty Progressive Cavity Pumps
- Sera Metering Pumps
- Shanley Pump-Allweiler Pumps & Osna Screw Pumps
- Somarakis Vacuum Pumps
- **Tamar Mechanical Seals That Don't Leak!**
- Vanton Non-Metallic Pumps
- Vertiflo Centrifugal & Pumps
- Viking Rotary Gear Pumps
- Warren Rupp SandPIPER AOD Pumps
- Wright Centrifugal & Rotary Piston Sanitary Pumps

STEAM

- Everlasting Valves
- Hyspan Ball Joints & Venturis
- Kunkle Relief Valves
- Watson McDaniel Steam Traps, Pressure Reducing Valves, & Flash Tanks
- WCR Plate & Frame Heat Exchangers and Repairs

COMPRESSED AIR & FLUID POWER

- RGF Oil/Water Separators & Thermal Oxidizers

ENVIRONMENTAL

- Highland Tanks & Oil/Water Separators

SERVICE/REPAIR & FABRICATION

- Service/Repair of All Brands and Types of Pumps, Fans, Mixers, Gear Boxes, Steam Turbines, & Other Rotating Equipment
- Pump Testing
- Rental Pumps
- Maintenance Contracts
- Fabrication of Pump Sets, Deaerator Sets, Fuel Oil Heater Sets, CIP Systems, & Chemical Mixing/Dispensing Systems—All with Certified Drawings

ENGINEERING CONSULTING

- Consulting Engineering on Pump, Steam, & Compressed Air Applications
- Compressed Air Surveys
- Mechanical Seal Surveys
- Pump Surveys
- Plant Energy Audits
- AutoCAD Drawings

MISCELLANEOUS

- Fluid Engineering Automatic Filters & Strainers
- Komax Static Mixers & Instant Hot Water Generators
- Kraissl Duplex Strainers
- Sellers Cleaning Machines



Providing quality service in the Mid-South for over 50 years

Process & Power has serviced and repaired pumps in the Mid-South for over 50 years. Our experienced technicians can readily tackle pumps ranging from sump/sewage/effluent to the largest process applications.

We also sell replacement pumps and parts, and service the following manufacturers:

*Allis-Chalmers
Ansi-Mag
Armstrong
Aurora
Bell & Gossett
Berkley
Brinkmann
Dean Brothers
DiscFlo
Durco*

*Fairbanks-Morse
Flowserve
Flygt
Gorman Rupp
Griffco
Grundfos
GTO
Hydra-Cell
Hydromatic
ITT- Goulds*

*KSB
LMI-Milton Roy
Micropump
Moyno
Netzsch
Paco
Peerless
Pulsafeeder
Roper
Roto-Jet*

*Scott
Taco
Truflo
WDM
Warren Rupp-Sand Piper
Watson-Marlow
Worthington
Vertiflo
Viking
Yamada*

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