

PUMPS



Air operated diaphragm pumps in sizes thru 3". Cast iron, aluminum, stainless steel, Hastelloy C, polypropylene and PVDF materials of construction. Flows to 275 gpm. Drum pump, flap valve and powder handling versions available. Air operated piston pumps in steel and stainless steel construction for pumping high viscosity materials, discharge pressures to 10,000 psig. Also available, air system components, including filter/regulator/lubricator combinations and a complete line of extrusion packages.



Barmesa Pumps

Submersibles, cutters, self-priming, end-suction centrifugal, vertical in-line, and vertical multi-stage pumps available in multiple configurations. Applications such as wastewater, water, industrial, construction, utility, chemical, OEM, irrigation, dewatering flood control, and fire protection. With flows up to 3600 gpm and pressures up to 340 psi.



Electric submersible pumps 1" to 6" discharge, heads to 400 ft, 1/6 to 100 hp. Multiple configurations available

including; corrosion resistant stainless steel pumps, sump/sewage/sludge pumps, trash/non-clog/solids handling pumps, sand pumps, vortex pumps, slurry agitator pumps, grinder/cutter/shredder pumps, dewatering/utility pumps, high temperature and explosion proof models.



ANSI compliant, engineered, canned motor pumps at a price comparable to mechanical seal pumps. Dynapump LE series pumps are environmentally friendly, sealless and leakproof. Pressures up to 150 PSI and temperatures between -50° F to 275°F, up to 100 Centipoise.



Sealless, leakproof canned motor centrifugal pumps. Available in 304, 316SS, Alloy 20 and Hastelloy C. Nominal hp ratings available from 1 to 737. Temperatures from -325°F to 840°F. Flows to 3,000 gpm, heads to 1,650 ft with multi-stage design; pressures to 5,000 psi. More than 100 Chempump models in 30 sizes with capacities to 2,000 gpm, heads to 450 ft; system pressures to 5,000 psi. All pumps available in both horizontal and vertical configurations. ANSI and API designs with self-contained bearing diagnostics.



Sealless, magnetically driven gear pumps available in non-metallic with no wetted metallic parts and metallic in 316 SS. Six sizes with flows to 33 gpm, pressures to 150 psig, and temperatures to 150 F. For medium to highly corrosive clean liquids used in chemical processing, dosing, and water treatment.



Sealless, magnetically driven gear and centrifugal pumps constructed of 316SS, Alloy 20 and Hastelloy C. Gear pump flows to 55 gpm, pressures to 225 psig. Centrifugal pump flows to 85 gpm, heads to 365 ft.



High pressure, hydraulically actuated diaphragm pumps in Hastelloy C and non-metallic construction. Flows to 157 gpm, pressures to 5,000 psig. Excellent for high head pressure, low flow applications. Metering pump technology is built to exceed API 675 performance standards with "pulse-free" linear flow.



Sealless, magnetic drive centrifugal pumps lined in PFA or ETFE. Flows to 1320 gpm, heads to 400 ft. Small/OEM packaged, magnetic drive, close coupled centrifugal pumps in molded polypropylene or ETFE, fractional to 100 hp (some with dry run capabilities). Iwaki/Sanwa 316 stainless steel mag drive pumps with single gasket seal, silicon carbide bearings, and flows up to 340 gpm.



Magnetically driven gear and centrifugal pumps. Flow rates from 0.25 cc/min to 10 gpm. Differential pressures to 200 psig. Static pressure from high vacuum to 5000 psig. Temperatures from -60F to 400F. Excellent for high head pressure, low flow applications including pipeline, densitometer, closed loop sampling, OEM, laboratory, and pilot plants.



Progressive cavity pumps in cast iron & 316SS. Buna, EPDM & fluoroelastomer stators. Flow rates to 50 gpm, pressures to 600 psig. Variable speed metering capabilities. Sanitary design available.



Regenerative turbine pumps in all iron, bronze fitted and 316SS. Single and multi-stage pumps. Special designs for low NPSHA or high temperature. Flow rates to 100 gpm, discharge head to 1700 ft. Good for high pressure, low flow applications.



Hydraulically actuated diaphragm metering pumps for chemical injection, polymer injection and boiler/cooling system chemical metering. Capacities to 600 gph and maximum discharge pressures to 3000 psi. Portable, clamp or base mount mixers.



Gear pumps, external gear pumps, pedestal mount, clutch driven, motor mount or stainless steel gear pumps and CHEMSTEEL™ high pressure pumps designed to handle highly corrosive liquids that must be pumped under pressures up to 1500 psig and flows to 6 gpm.



Cast iron, bronze, 316SS and Hastelloy C centrifugal pumps available as close coupled or pedestal mount. Flows to 1100 gpm, heads to 380 ft. Self priming, vertical short-setting sump and high pressure multi-stage designs.



Heavy-duty internal gear pumps with flow rates to 550 gpm, pressures to 200 psi, viscosities up to 1,000,000 ssu. Applications include polymers, chemical processing, bulk transfer, asphalt, and adhesives. HD Series process pumps with flow rates to 650 gpm, pressures to 450 psi handling a wide range of viscosities and slurries, and a low-shear design.

WATER TREATMENT CONTROLS & PUMPS



WALCHEM

IWAKI America Inc.

pH, ORP, conductivity & disinfection controllers for cooling tower, boiler, and wastewater treatment. Comprehensive line of sensors, electrodes and accessories. Ability to monitor/control from any computer, anywhere in the world with a standard web browser – safe/secure access. W600 and W900 controllers come standard with data logging and are ethernet capable. **Walchem pumps** include electronic solenoid drive metering pumps with outputs up to 40 gph, pressures up to 250 psi. Doses at 360 spm, turndown ratios up to 1800:1. Various material liquid ends, PP, PVC, PVDF and stainless. Waterproof models available. 2-year warranty on liquid end. Mechanically actuated diaphragm pumps with outputs to 114 gph, pressures to 225 psi. PVC, PVDF, and stainless pump heads, single or three phase power.



POLY TANKS & PULSATION DAMPENING



POLYPROCESSING
SOLUTIONS, SIMPLIFIED.

Rotational molded high-density crosslinked polyethylene (HDXLPE) chemical storage tanks. Featuring the SAFE-TANK® double-wall containment system, and the OR-1000™ oxidation resistant system. Capacities to 15,000 gallons. Tanks available in vertical, horizontal, cone bottom and open top configurations.

BIACOH
FLUID CONTROL

Surge/pulsation suppression devices. Protects piping systems from destructive pulsations, surges and water hammer. Variety of sizes and materials.



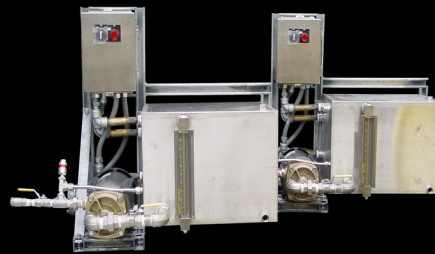
FABRICATION SERVICES

TPE offers custom turnkey pump systems built in-house to meet your specifications; from the simple to the complex. All systems are fully tested prior to shipment. CAD drawings and full documentation services available. Typical applications include:

- Chemical injection systems
pH control
corrosion / scale / biological inhibitors
disinfection / deodorization and defoamers
- Closed loop sampling systems
- Cooling tower/boiler equipment packages
- Sample process recovery systems
- Fertigation packages
- Polymer make-up & feed skids
- Custom water treatment panels

In-house services also include:

- Base plate mounting, controls and drives for all pumps
- Custom flange welding by our ASME certified welders



PUMP REPAIR



TPE also provides routine pump maintenance and repair. Our service techs are factory trained to repair all major brands of pumps. Our repair center has access to machine and fabrication centers in our area and our equipment allows us to make repairs with laser alignment, sand blasting, milling, and the capability to test equipment to factory specifications along with hydrostatic testing. We only use OEM parts in our repairs and offer warranty for all our repairs, subject to inspection.



Houston

5215 Ted Street Houston, TX 77040

TEL. 713.460.5555 800.828.4114

Dallas

10715 Harry Hines Blvd. Dallas, Tx 75220

TEL. 214.902.8077 800.828.4114

THIS LINE SHEET IS A SMALL SAMPLE OF WHAT TPE OFFERS. FOR A COMPLETE LISTING OF OUR PRODUCTS AND SERVICES VISIT OUR WEBSITE. YOU CAN ALSO SEND US YOUR APPLICATION ONLINE.

WWW.TEXASPROCESS.COM

YOU CAN ALSO CONTACT US AT SALES@TEXASPROCESS.COM