



solving tough
challenges





Global Group



WHY GLOBAL PUMPS?

Established in 1977, Global Pumps delivers innovative solutions for difficult and challenging pumping applications with an uncompromising focus on reliability.

Expert advice and rapid response

We provide expert advice you can trust, with responsive communications and efficient after-sales service. We believe in establishing a long-term relationship with our clients.

Extensive range delivered worldwide

We stock an extensive range of pumps and spares sourced from around the globe.

Our technical service division manufactures and repairs pumps with fast turnaround, and we deliver anywhere in the world.

Service capacity

We offer a technical service and engineering division with qualified personnel and fully equipped site service vehicles which have the capacity to handle complete turn-key projects, including mechanical and electrical installations, total refurbishments, site repairs and maintenance programs.

Our service and repair capabilities also cater for other manufacturers' brands, including, but not limited to: Techniflo, Verderflex, Grundfos, Mono, Southern Cross, Flygt, Inoxpa, Lowara and Warman.

Our facilities

Our head office incorporates a large, modern warehouse stocked with a huge range of unique pumps, spares and accessories, and a fully equipped service and fabrication workshop complete with gantry crane and dedicated pump test bay.

Quality guarantee

We are committed to quality and customer satisfaction, resulting in successful accreditation of our quality assurance system to ISO9001:2008.

We design our pumps to handle abrasive applications better and last longer, reducing the lifetime cost of equipment and reducing the frequency of downtime due to parts being replaced.



PROCESS AND CHEMICAL

Verderflex peristaltic hose pumps

Peristaltic pumps for corrosive and abrasive slurries and chemical reagent dosing.

For the very best in peristaltic pump technology with a wide range of spares available in Australia, Verderflex offers the largest hose pump range in the world with over 20 pump sizes. Optional non-metallic flange connections available for pumping aggressive and corrosive liquids.



Features

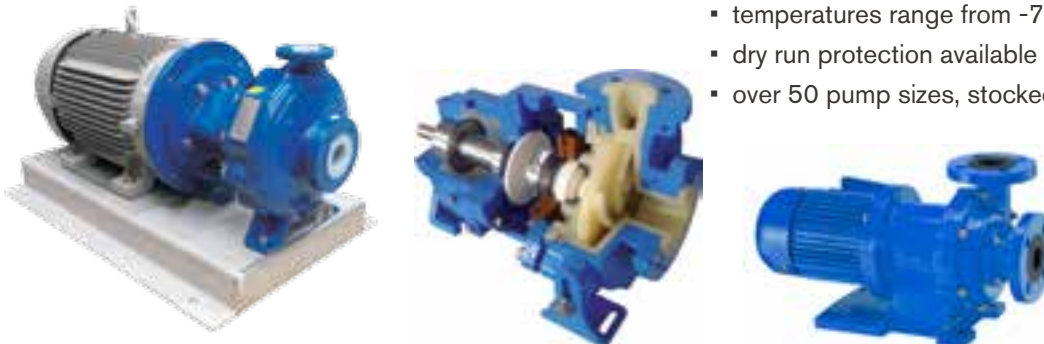
- flows up to 150 m³/hr
- pressures to 16 bar
- long-life hose technology
- tough mechanical seal gearbox protection
- low power and low pulsation designs
- no valves or seals in the process liquid
- pump slurries up to 80% solids
- large stocks available in Australia



Techniflo chemical pumps

Techniflo non-metallic lined centrifugal pumps for corrosive and aggressive chemicals.

Heavy duty construction and available either sealed or magnetic drive, these units are ideal for pumping any corrosive or hazardous chemical and have the ability to pump contaminated liquids or solids.



Features

- non-metallic wetted parts
- single or twin mechanical seals or magnetic drive
- long or close-coupled pumps
- flows up to 400 m³/hr, heads to 148 m
- pressures to 20.6 bar
- temperatures range from -70°C to 121°C
- dry run protection available
- over 50 pump sizes, stocked in Australia

Affetti non-metallic chemical process

Affetti non-metallic centrifugal pumps for corrosive and aggressive liquids, aliphatic or aromatic solvents and sea water. These pumps are available in a wide range of materials and conform to DIN and ISO standards.

Features

- non-metallic lined centrifugal pumps
- range of chemical resistant materials including PP, PEHD, PVC, PVDF, PTFE and fibreglass resin
- flows up to 2000 m³/hr
- heads up to 120 m
- conforms to either DIN/EN 22858 (ISO 2858) or ASME/ANSI B73.1M



PROCESS AND CHEMICAL

Verderair air-operated diaphragm pumps

The most efficient range of double diaphragm pumps delivering a consistent, reliable flow for all applications.

Thanks to their unique design, Verderair air-operated diaphragm pumps are able to handle very abrasive and/or viscous products.



Features

- self-priming
- can run dry without damage
- unique lube-free, anti-stall air valve
- flows up to 1,000 L/m
- 3A, FDA and EHEDG approved designs available
- available in many different materials
- high pressure unit available
- hazardous rated
- 5 year warranty

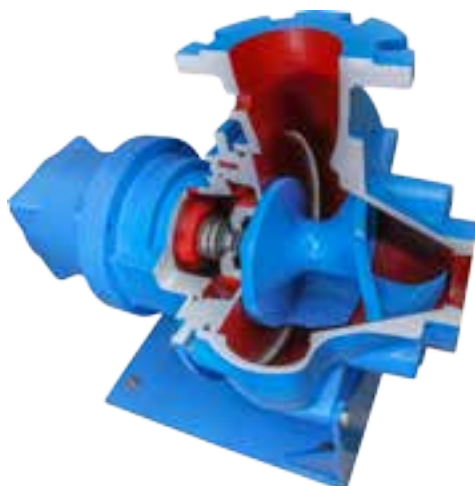
Techniflo drum pumps

Techniflo drum and container pumps for safe and easy liquid decanting.

Drum emptying pumps to suit a wide variety of chemicals and drum sizes. Available with a range of accessories including flow meters and dispensing nozzles.

Features

- metallic and non-metallic versions
- flows up to 200 L/min
- universal electric or pneumatic drive motors
- lightweight and safe
- electric units have low-voltage release switches
- EX-rated motor option



VerderHUS screw centrifugal

Verderhus screw centrifugal pumps combine the features of centrifugal and positive displacement pumps. The open impeller allows large solids to be easily pumped, whilst the screw design is ideal for high solid contents or viscous liquids and produces a high efficiency, low NPSHr pump, lowering both energy use and ownership costs.

316 stainless steel, cast iron and other material options and pump variants available.

Applications

- mining
- chemical processing
- industrial processing
- food and beverage

Slurrypro centrifugal slurry pumps

Slurrypro heavy duty centrifugal pumps are available with high-chrome, rubber or polyurethane liners for moving abrasive liquids and slurries.

Complete range of horizontal and vertical column pumps available in many configurations, featuring radial split casings allowing quick changing of replaceable liners.

Features

- removable cartridge-type bearing assembly
- flows up to 5,000 L/s
- heads up to 100 m
- range of different sealing systems
- low maintenance costs
- interchangeable wearing parts with the majority of other slurry pump brands



Roto helical rotor pumps

Progressive cavity pumps designed to last.

Complete range of helical rotor pumps, from dewatering/sludge pumping applications to gentle food and beverage transfer. High quality materials together with 24 month universal joint warranty makes this range a stand out.

Features

- flows up to 200 m³/hr
- Cardan universal joint design versions
- available in a range of special materials
- pressures to 72 bar
- close-coupled and bare shaft versions
- low shear – ideal for polymers
- able to handle up to 1,000,000 cps



ProMinent metering and instrumentation

State-of-the-art diaphragm metering pumps for high accuracy chemical dosing in all industries. Suitable for pH, ORP and chlorine dosing measurement and control.

Complete package and treatment systems, including control instrumentation, available.

Features

- chemically inert materials
- adjustable stroking rates
- manual or external electronic control, including analogue and SCADA versions, also available



WATER SUPPLY AND DEWATERING



Global centrifugal

The Global Pumps DN Series End Suction Centrifugal range is a back-pullout, single stage design available in long-coupled electric or engine drive, or close-coupled electric configuration.

Features

- standard DIN 24255
- mechanical seal
- back pull-out design
- maximum operating pressure is 1600 kPa
- temperature range of -10°C to 120°C



Global Multi-stage

The Global Pumps EB Series are a vertical in-line, multi-stage pump suitable for pressure boosting, water supply and irrigation systems.

Features

- cartridge style mechanical seal
- standard IEC electric motors
- 304 and 316 stainless steel materials available
- suitable for variable speed drives



Submersible – electric or air driven

Extensive range of submersible pumps in electric or compressed air configurations.

Ideal for applications such as mine dewatering, stormwater and sewerage removal and tank recirculation.

Features – electric driven

- cast iron or stainless steel options
- automatic level control
- three-phase or single-phase option
- corrosion on wear resistant options

Features – air driven

- ideal for hazardous areas
- robust design for use in aggressive environments
- no aluminium components
- governor controlled motor for extended pump life





Helical rotor and open throat

Open throat helical rotor pumps designed for easy mounting underneath grape crushers, hoppers and other food storage vessels.

Features

- screw feed
- low shear pump action
- flows to 500 m³/hr
- pressures to 72 bar
- ability to handle a range of wetted materials including solids
- able to handle high viscosity product
- aseptic design available



Inoxpa centrifugal

Close-coupled, stainless steel centrifugal pumps are exceptionally compact, efficient and economical. Ideally suited for hygienic requirements.

Features

- open/helicoidal impeller options
- full range of mechanical seals available
- self-priming/multistage options
- flows to 250 m³/hr
- pressures to 10 bar



Inoxpa lobe

Lobe pumps have a gentle pumping action which makes them suitable for fluids such as cream and cheese.

Made from 316 stainless steel with a highly polished finish, allows these pumps to be cleaned-in-place.

Features

- positive displacement
- clean-in-place compatible
- available with in-built pressure release valve
- flows to 100 m³/hr
- pressures to 34 bar



API STANDARD PUMPS

ANSI standard chemical pumps

Designed in accordance with ASME B73.1M standard, horizontal, end-suction pumps feature a semi-open impeller for chemical processing applications. These pumps have the ability to handle particles in suspension.

Flow: 1500 m³/h
Head: 250 m
Temperature: -40°C to 150°C
Pressure: up to 2.5 MPa



API 610 standard pumps

Designed in accordance with API 610 standard, horizontal, radial split, end-suction centrifugal pumps designed for petrochemical applications. Available with bearing cooling, seal flush and auxiliary monitoring systems.

Flow: 2600m³/h
Head: 300m
Temperature: -48°C to 450°C
Pressure: up to 10 MPa



Axially-split API 610 standard pumps

Designed in accordance with API 610 standard, double suction, horizontal split case centrifugal pumps designed for petrochemical applications. Double suction impeller balances the axial force of the rotor, dramatically increasing the service life of bearings.

Flow: 12000 m³/h
Head: 440 m
Temperature: -40°C to 200°C
Pressure: up to 2.5 MPa



Heavy duty API 610 standard pumps

Designed in accordance with API 610 standard, these heavy duty centrifugal pumps are designed for petrochemical, oil refinery and liquid natural gas applications. Available with bearing cooling, seal flush and auxiliary monitoring systems.

Flow: 4500 m³/h
Head: 7000 m
Temperature: -80°C to 450°C
Pressure: up to 15 MPa



MECHANICAL SEALS

Style 600 mechanical seal

Global Pumps offers mechanical seals able to handle the most critical applications and processes.

The Style 600 is the first mechanical seal which incorporates a conical stuffing box design, allowing this seal to be used with great success on slurries and dirty fluids.

The sleeveless design allows for greater radial run-out of the shaft. With no seal parts inside the stuffing box, slurry and dirt cannot clog the seal therefore increasing seal life.



Style 855 mechanical seal

The Style 855 cartridge design mechanical seal is based on a time-tested, proven cone spring design and is renowned for being applied to pumps that operate with duties of extreme slurries and paper stock.

The seal has no dynamic elastomers or exposed springs that could be prone to clogging and hang-up.

The 855 mechanical seal is available in a number of different configurations with numerous options for face combinations and cone spring elastomer materials. Upon request, we can also provide the faces as a diamond coated face arrangement which is known for being the best combination in the most arduous of duties.



Style 410 mechanical seal

The Style 410 seal can be used in applications with highly corrosive chemicals such as active organic compounds, strong oxidizing and reducing agents, concentrated acids and salts.

The seal is suitable for external mounting in pumps and agitator vessels.

The parts in contact with the fluid are all made of chemically inert materials, all metal components are located externally and cannot come in contact with the process liquid.

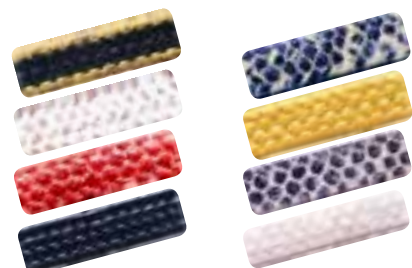
All inner metal parts are coated with inert materials in the smaller seal sizes.



Gland packings

A comprehensive range of gland packings are available to specifically suit your application for both pumps and valves.

- Sizes ranging from 1/8" up to 1"
- Pressures up to 500 Bar
- Temperatures ranging from -240°C to 650°C







CUSTOMISED PACKAGED PUMPING SYSTEMS

Many years of expertise in pump hydraulics and a detailed understanding of electrical process controls and mechanical design principles enables Global Pumps to engineer complete pumping solutions.

Using standardised designs, both stocked and specialised components are integrated into an efficient and coordinated system tailored to suit specific requirements.

Packages are prefabricated with pumps, pipework and valves, with the option of on-board electrical controls and instrumentation to simplify site installation.

Typical packages include:

- duty/stand-by pump sets
- batching systems
- cooling systems
- mixing and dosing systems
- fixed or mobile configurations
- belt drive or direct coupled arrangements
- variable-speed packaged systems
- fire pump systems

Systems built in-house are rigorously tested prior to delivery on site, reducing installation time.

ELASTOMERIC COATING



MetaLine Series 700 is an elastomeric product that combines the efficiency and performance of vulcanised rubber coatings and the simple processing of polymerics with the resistance of duplex steel.

The cartridge packaged polymer is mixed and sprayed simultaneously with the MetaLine Applicator S-700. The result is a hydrodynamic resistant protective coating that provides unparalleled erosion resistance. Its durability is several times higher in comparison with conventional wear linings.

MetaLine Series 700 technology is unique because of its simple spray application process, extraordinary surface smoothness, and resultant improvement in flow dynamics. Efficiency increases of up to 3.5% have been proven.

The MetaLine process is suitable for the protection of complete metal components as well as the repair of existing rubber linings and parts.

Applications include:

- Mining and mineral processing
- Marine
- Defence
- Food processing
- Construction
- Water supply

WORKSHOP CAPABILITIES



Global Pumps provides quality engineered products and services to the mining and industry sectors, supported by state-of-the-art workshop facilities.

The workshop allows us to provide in-house engineering, specialised technical support, maintenance, service, repairs, overhaul of horizontal and vertical slurry pumps, plus field service assistance.

Our service and repair capabilities also cater for other manufacturers' brands, including, but not limited to: Techniflo, Verderflex, Grundfos, Mono, Southern Cross, Flygt, Inoxpa, Lowara and Warman. We offer a 12 month warranty on parts and 3 month warranty on all pump repairs.

Our Slurrypro and Verderflex pump ranges have parts and replacement pump interchangeability with other well-known manufacturers, which allows an alternate supply to the existing pump brand.

WORKSHOP PLANT CAPABILITIES

Lifting capacity	1 x 10 T overhead crane 2 x 1 T jib cranes
Forklift	1 x 3.5 T 1 x 6.5 T
Fabrication facilities	Machining, fabrication and sheet metal working bays
Workshop	1000 m ²
Wash bay	Wash down bay; high pressure water cleaner with sediment and solids separator tank for contamination control
Paint booth	Spray painting booth
Pump test facility	Up to 90 kW
Electrical	Design and manufacturing

TESTIMONIALS

"My experience with your guys was very pleasant and the advice given was excellent and as a result we have had no further issues with that plant section. The pump had been supplied within a heat exchanger unit without 'no flow' protection which we have now and I'm sure that bit of advice has saved our expensive pump over and over. Thank you!"

M. Reed – Ronstan

"Global Pumps has always supplied good service and would recommend to other companies and clients."

Gary – Chevron Glass

"When I had serious pump issues, Global Pumps with their expertise went all the way to provide me with a permanent solution and a quality product."

Henk – BASF

"Global Pumps continues to provide excellent service and support to Veolia that far exceeds our expectations. There is always someone ready to act promptly to urgent technical problems and to provide application solutions using quality affordable products. This is why Global Pumps will always be our first call!"

Stephen – Veolia

"Global Pumps gives good customer service. Receiving a quick response to any pricing request is appreciated and the order confirmation provides good information about delivery times which helps planning at my end."

Colin – Transpacific

"Service is quick and problem solving is good. Advice has been excellent over the years."

Peter – BSSA

"Global Pumps are reliable and goods are packed perfect for international exporting to our pacific operations."

John – St Barbara Limited

"Having worked with Global Pumps in numerous occasions, we are very satisfied with the high level of professionalism, work ethics, safety and on-going customer support even after the equipment has been successfully delivered."

Adriana – UGL Limited

"Global Pumps has supplied and supported our company for many years with exceptional service and backup and would be a valuable supplier of their products to any business or individual."

Neal – Angove Wines





