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 a responsive ‘can-do’ attitude, efficient after-sales service and nation-wide support. We believe in establishing a long-term relationship with our clients.

Extensive range delivered worldwide
We manufacture and import an extensive range of pumps for difficult and challenging applications that are market leaders in technology and reliability.

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.

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: Grundfos, Mono, Southern Cross, Sulzer, JWC, Flygt, Lowara and Warman.

Quality guarantee
We are committed to quality and customer satisfaction, resulting in successful accreditation of our quality assurance system to ISO9001:2016. Our pumps handle abrasive applications better and last longer, reducing the lifetime cost of equipment and reducing the frequency of downtime due to parts being replaced.
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
- 20 pump sizes and 4 hose materials stocked in Australia

Verderflex Vantage 5000

Peristaltic metering pumps for accurate dosing of harsh chemicals. Particularly suited to chemicals with entrained gas or liquids containing suspended particles. Applications include water treatment, corrosive chemicals, food flavours, brewing additives.

Features
- flows up to 6000 mL/min
- pressures to 7 bar
- highly accurate stepper controlled dosing
- flow rate displayed on touchscreen
- stackable design
- remote control options including Wi-Fi, SCADA, Modbus, analogue
- 4000:1 turndown ratio
- only one wearing part – the tube element
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

Slurrypro Elite mechanical seal

Slurrypro Elite mechanical seals are designed to handle the most difficult applications and processes. The Style 600 is a true flush less mechanical seal which incorporates a conical stuffing box design, giving you a significant increase in service life without the requirement for flushing liquid.

The sleeveless design allows for greater radial run-out of the shaft. With no seal parts inside the stuffing box, slurry is allowed to circulate freely, further reducing the chance of seal failure.
Technifo chemical pumps
Technifo 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

Toro process pumps
Toro ANSI and ISO centrifugal process pumps are the robust solution for heavy duty pumping applications in a wide range of industries including Chemical, Petrochemical and Primary Metals. Toro pumps use a straightforward design that incorporates ductile iron, 316 stainless steel and duplex materials and cutting edge mechanical seal designs to provide a cost effective solution to sites affected by unreliable pumps.

Features
• constructed from ductile iron, 316 stainless steel and duplex metals
• flows up to 1000 m³/hr
• heads up to 150 metres
• handles liquid temperatures from -210°C to 260°C
• advanced mechanical seal design adapted for tough applications

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
Verderhus screw centrifugal

Verderhus screw centrifugal pumps combine the features of centrifugal and positive displacement pumps. The open impeller allows large solids such as wet wipes and rubbish to be easily pumped, whilst the screw design is ideal for high solid contents or viscous liquids and produces a high efficiency, low NPSHr pumps, 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

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 stroke rates
- manual or external electronic control, including analogue and SCADA versions, also available

Audex submersible pumps

Extensive range of submersible pumps Ideal for applications such as mine dewatering, stormwater transfer, sewerage removal and tank recirculation.

Features
- cast iron or stainless steel options
- automatic level control and dry run protection
- three-phase or single-phase option
- corrosion and wear resistant options
- agitator for heavy sand slurries
- available with seal failure detection system

Techniflo drum pumps

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
- 200 L drums and 1000 L IBCs
- batching and dispensing options available
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 12 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
• positive displacement
• clean-in-place compatible
• available with in-built pressure release valve
• flows to 250 m³/hr
• head pressures to 90 m

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
• open/helicoidal impeller options
• full range of mechanical seals available
• self-priming/multistage options
• flows to 250 m³/hr
• pressures to 12 bar
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 that meet demanding standards including compliance to mining and Municipal Authority requirements.

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:
• multi-pump variable speed pressure sets
• water treatment and chemical dosing systems
• water supply and irrigation systems
• containerised pumping and treatment packages
• diesel driven pumpsets
• fire pump systems

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

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: Grundfos, Mono, Southern Cross, Sulzer, JWC, Flygt, 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.

Intrax is a global leader in specialist pumping equipment for difficult and challenging industrial applications. We are best known for excellence in bringing innovative and cost-saving ideas to our customers as well as offering unrivalled levels of customer service and response times.

Our combined wealth of experience of technical know-how in highly sophisticated applications has allowed us to work closely with the engineering teams on large-scale projects across the globe firmly establishing us as their trusted partner.

For further information, please visit our website: intraxglobal.com

WORKSHOP AND PLANT CAPABILITIES

| Lifting capacity       | 1 x 10T gantry crane                                      |
|                       | 2 x 1T jib cranes                                        |
| Forklift               | 1 x 3.5T                                                 |
|                       | 1 x 6.5T                                                 |
| Manufacturing facilities| Machining, fabrication, assembly and sheet metal working bays |
| Workshop               | 1000 m²                                                  |
| Wash bay               | Wash down bay; high pressure water cleaner with sediment and solids separator tank for contamination control |
| Paint booth            | Specialist coating and spray painting booth              |
| Pump test facility     | Up to 90 kW capacity                                     |
| Electrical             | Design, manufacturing and site installation              |
| Packages               | Multi-pump skids, containerised water treatment systems   |
| Site works             | 2 x crane trucks for full site installation and commissioning |