

***PROCESS
PUMPS***

PRODUCT CATALOGUE



COMPANY PROFILE



Process Pumps (Australia) Pty Ltd is an Australian owned engineering organisation located in the Melbourne suburb of Boronia.

Process Pumps is well established as a specialist consultant, importer and distributor of high technology pumping, mixing, and filtration equipment.

Catering specifically for the demanding requirements of the chemical, pharmaceutical, refining, waste, water, and food industries. Process Pumps is able to provide a wealth of experience to meet current and future needs.

To this end we stock a complete range of pumps to meet the requirements of these industries, these can range from water pumps to 'impossible' and aggressive fluids of both high and low temperatures and wide viscosity ranges. All backed up by a highly trained service centre and an expansive range of spare parts.

Our primary objective is to ensure that our customers receive the best in product and system engineering assistance, supported by unbeatable aftermarket service.

For further information on our range of comprehensive range of pumps and services, or to obtain technical advice, please refer to our website www.processpumps.com.au

MELBOURNE

Unit 5/ 385 Dorset Road
Boronia Victoria 3155 Australia
P: +61 3 9839 9222
F: +61 3 9762 9233
E: sales@processpumps.com.au

SYDNEY

P: +61 2 9636 7900
F: +61 2 9636 7992
E: sgenn@processpumps.com.au



CONTENTS

DRUM AND CONTAINER PUMPS	
Lutz Drum Pumps - Aqueous Solutions	3
Lutz Drum Pumps - Viscous Solutions	4
MAGNETIC DRIVE CENTRIFUGAL PUMPS	
Lutz	5
March Manufacturing	6
Texel	7
Magnatex Pumps Inc.	8
ALL PLASTIC CONSTRUCTION PUMPS	
Crest Pumps	9
SANITARY PUMPS	
JEC Centrifugal and Lobe Pumps	10
AIR OPERATED DIAPHRAGM PUMPS	
Wilden	11
Flotronic	12
ANSI CENTRIFUGAL PUMPS	
Griswold	13
GEAR, PERISTALTIC AND ROTARY LOBE PUMPS	
Liquiflo	14
Micropump	15
Ismatec	16
Desmi - Rotan	17
Börger	18
METERING AND DOSING PUMPS	
Lutz - Jesco	19
Bran+Luebbe	19
GLUE PUMPS	
Timmer Piston Pumps	20
VALVES	
Valam Diaphragm Valves	21
Hofmann Actuated Valves	21
HOT OIL PUMPS	
MP Pumps Inc.	22
FILTERS AND STRAINERS	
Eaton Filtration	22
Hayward Flow Control	23
MIXERS AND EMULSIFIERS	
Process Pumps	23

DRUM AND CONTAINER PUMPS



Lutz Drum and Container Pump Aqueous Solutions



Lutz 1000mm Stainless Steel Drum Pump
Flameproof Motor Fitted



Lutz TR Series Flow Meters in
Polypropylene and Kynar Construction

Lutz drum and container pumps are an excellent solution for decanting both hazardous and non-hazardous liquids and chemicals from 205 litre drums or 1000 litre bulk containers.

With a wide range of pump construction materials available as standard there is almost no chemical these pumps cannot be selected for. Light weight for portability but rugged in construction, these pumps eliminate many of the occupational hazards encountered when decanting containers.

Various configurations include; electrically operated, air operated, and flameproof versions, a wide range of accessories are also readily available such as flow meters, batching systems, and emission proof drum adaptors.

Materials of Construction

- Polypropylene
- PVDF (Kynar)
- 316 Stainless Steel
- Hastalloy-C
- Aluminium

Average Flow Rates

- High Flow Range: 190 Litres/min
- High Head Range: 80 Litres/min

Pump Tube Lengths Available

- 700mm through to 2000mm
- Custom lengths also available

Lutz Drum and Container Pump Viscous Solutions



Lutz B70V-SR 1100mm Drum Pump



Lutz HDO Oval Gear Flow Meter
Stainless Steel Construction

Also available in the Lutz drum and container pump range are a series of pumps suitable for use on viscous liquids. Traditionally emptying drums of viscous liquids has proved difficult, requiring awkward pump configurations with mixed results.

The Lutz range of viscous liquid handling pumps, comprising of the compact HD-E and the heavier duty B70V eliminates many of the problems encountered in the past. Based on positive displacement operation (helical rotor) these pumps deliver a smooth, low pulsing flow.

Compact and rugged in design these pumps can be used in conjunction with the Lutz range of viscous handling flow meters for accurate pumping and system batching. With electric, air, and flameproof options covered there are few viscous liquids these pumps cannot handle.

Viscosity Range

- HD-E Series: 500 to 4000cP
- B70V-SR Series: 1 to 40,000cP
- B70V 12.1 - 50.1 Series: 1 to 100,000cP
- B70V 80.1 - 120.1 Series: 1 - 120,000cP

Flow Rates

- HD-E Series: to 20 Litres/min
- B70V-SR Series: 12 to 50 Litres/min
- B70V 12.1 - 120.1 Series: 12 to 120 Litres/min

Applications

- Viscous Food Products; tomato paste
- Pharmaceutical Industry; Sorbolene
- General Industrial; waste oils
- Fibreglass applications; resins & polymers

MAGNETIC DRIVE - CENTRIFUGAL PUMPS



Lutz Magnetic Drive Centrifugal Pumps



Lutz TMR G2 & G3 Magnetic Drive Pumps



Exploded View, TMR Series

Magnetic drive pumps have many advantages over their conventionally sealed rivals. With virtually no chance of leakage from the pump casing, pumping hazardous chemicals such as acids is made much safer. With no mechanical seals to wear over time, maintenance is minimised, reducing overall running costs and down time.

Lutz magnetic drive centrifugal pumps are designed from chemically resistant polypropylene or ECTFE with a range of impeller shaft, bushings, and thrust ring materials to suit almost any chemical application. High density chemicals pose no problem for the Lutz range which are capable of handling up to 1.8w/w S.G. liquids and beyond.

Three pump models make up the Lutz range of magnetic drive pumps. The TMB series for low flow/head and OEM applications. The AM series which is suitable for continuous duty chemical applications, and the TMR series for high flow and head applications.

The AM and TMR series pumps are fitted as standard with IEC frame motors allowing end-users to select their preferred motor, and makes sourcing replacement motors practical and economical.

Materials of Construction

- Pump Casing: Polypropylene or ECFTE
- Static Seals: Viton, EPDM, or Kalrez
- Impeller Shaft: Ceramic or Silicon Carbide
- Bushing: Carbon, Silicon Carbide, or Rulon

Technical Data

- TMB: Flow to 62 L/min. Head to 8 metres
- AM: Flow to 200 L/min. Head to 12 metres
- TMR G2: Flow to 500 L/min. Head to 30 metres
- TMR G3: Flow to 1000 L/min. Head to 40 metres

March Manufacturing Magnetic Drive Centrifugal Pumps



March Submersible 893 Series Pump



March 5.5 Series Pump, Stainless Steel

March magnetic drive pumps cover a wide range of applications, due to the wide range of pump sizes and materials available.

With small capacity pumps fitted with AC or Brushless DC motors, suitable for use in OEM applications such as water circulation for chillers or photo processing machines. In contrast March have larger capacity pumps capable of reaching 100's of litres/minute. Also available are a range of small capacity submersible pumps, available in AC and DC motor configurations. Many pumps can also be fitted with compressed air motors if preferred.

Materials of construction include polypropylene, ryton, Kynar (PVDF), and Stainless Steel. The majority of the pump are fitted with ceramic (aluminium oxide) shafts and thrust washers.

Materials of Construction Options

- Polypropylene
- Rytan
- Kynar (PVDF)
- Stainless Steel
- Polysulfil (High Temperature Plastic)
- Bronze
- Cast Iron

Performance Envelope

- | | |
|-------------------------------------|---------------------------------|
| • 893 Series: To 11 litres/min | • 5 Series: to 60 litres/min |
| • 809 Series: 13.7 to 22 litres/min | • 5.5 Series: to 110 litres/min |
| • 815 Series: To 28 litres/min | • 6 Series: to 110.5 litres/min |
| • 821 Series: To 63 litres/min | • 7 Series: to 180 litres/min |
| • 830 Series: 44 to 92 litres/min | • 7.5 Series: to 268 litres/min |
| • MDX Series: 22 to 35 litres/min | • 8 Series: to 400 litres/min |
| • 1 Series: 7 to 9 litres/min | • 10 Series: to 680 litres/min |
| • 2 Series: 18.5 to 25 litres/min | |
| • 3 Series: 31 to 33 litres/min | |
| • 4 Series: to 50 litres/min | |

MAGNETIC DRIVE - CENTRIFUGAL PUMPS



Texel Magnetic Drive Centrifugal Pumps



Texel MEP Series Pump



Texel MER Series Pump

The Texel range of pumps consists of heavy duty industrial magnetic drive centrifugal pumps. Commonly constructed from PVDF or ETFE lined cast iron, these pumps are designed for use in aggressive chemical processing.

Texel pumps feature replaceable lining of the casing, allowing economical maintenance, whereas competitors pumps require the entire cast iron casing to be replaced. All components of the pump can be replaced individually making this option ideal for mission critical applications.

The Texel range of pumps covers a wide range of capacities, also available in sub-ANSI dimensions for 'drop-in' replacement of existing conventionally sealed ANSI pumps.

Texel also have a range of polypropylene constructed pump for less chemically aggressive applications.

Materials of Construction

- Pump Casing: Cast Iron
- Pump Case Lining: ETFE or PVDF
- Impeller: ETFE or PVDF
- Impeller Shaft: Aluminium Oxide (ceramic)
- Bearings: High Purity Carbon/SiC/PTFE
- Thrust Washers: Aluminium Oxide (Ceramic)

Magnatex Magnetic Drive Centrifugal Pumps



MTA Series Pumps, ETFE Lined.



MAX-P ANSI B73.3 Series Pump

Magnatex is dedicated to supplying high reliability magnetic drive centrifugal pumps to the demanding chemical, petrochemical, and refining industries. With low total cost of ownership and quick turnarounds on supply they are an excellent choice for applications where reliability is a must.

With an extensive range of centrifugal and turbine pumps constructed from materials including Stainless Steel, Hastalloy-C, and PVDF/ETFE lined models there is almost no application these pumps cannot be sized for.

Close and long coupled pumps are available, along with sub-ANSI configurations.

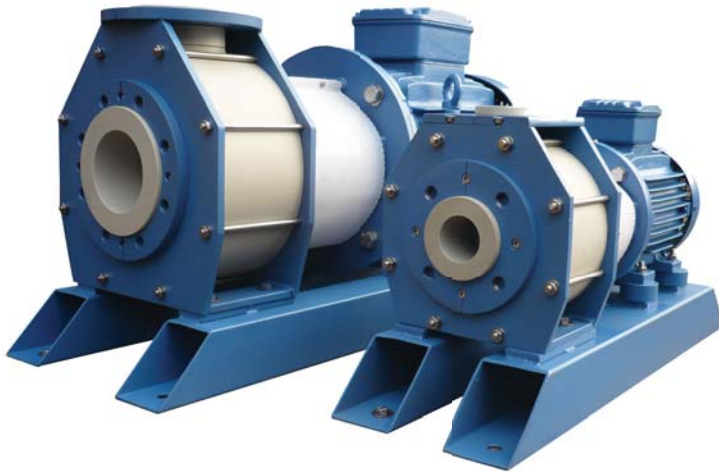
Industries Served

- Chemical Processing
- Petrochemical
- Refining
- Pharmaceutical
- Textiles
- Food & Beverage
- Power Generation
- Semiconductors
- General Industry

ALL PLASTIC CONSTRUCTION PUMPS



Crest Pumps Full Plastic Construction Centrifugal Pumps



Crest ECC End Suction Pumps



Crest CSS Column Pump

Crest Pumps is a British manufacturer specialising in corrosion resistant chemical pumps. Utilising materials such as virgin polypropylene, PVC, PVDF, and ETFE for their pump range. In most cases there are no metallic products in contact with the liquid medium.

A wide range of pumps are available from small horizontal single stage centrifugal pumps, through to multi-stage and high capacity units. Crest also manufacture a range of non-metallic vertical column pumps for use in submerged applications.

Depending on the pump model close coupled and long coupled pumps are available. Crest have also released a range of magnetic drive seal-less pumps to further widen the range of industries serviced.

Materials of Construction

- Virgin Polypropylene
- PVC
- ETFE
- PTFE

Industries Served

- Chemical Processing
- Water Treatment
- Plating
- Mining
- General Industrial

JEC Sanitary Centrifugal and Rotary Lobe Pumps



JEC Sanitary Centrifugal Pump



JEC Rotary Lobe Pump

Process Pumps Australia is proud to offer the JEC range of high quality Sanitary pumps. With both 3A and EHEDG certification our clients can be assured of unparalleled CIP (Clean In Place) performance.

JEC manufacture centrifugal pumps, shear blenders self priming pumps suitable for aerated fluids, and rotary lobe pumps for both sanitary and tanker unloading operations.

JEC use the highest quality 316L stainless steel, polished to a sanitary finish, along with a wide range of sealing options to ensure a wide range of applications are catered to.

JEC can also supply 'drop in' replacement pumps for Waukesha lobe pump applications.

Industries Served

- Food & Beverage Processing
- Pharmaceutical
- Biotechnology
- Semiconductor

AIR OPERATED DIAPHRAM PUMPS



Wilden Air Operated Double Diaphragm Pumps



4" Wilden Diaphragm Pump (P20)



2" Polypropylene Diaphragm Pump (P8)

Wilden diaphragm pumps are a proven performer in the air operated diaphragm pump arena. With over 50 years supplying industry with high quality pumps in a vast array of configurations there is virtually no industry where these pumps have not been encountered.

With pump sizes ranging from 1/4" to 4" in a myriad of material combinations to suit most chemical solutions, combined with anti-stall air valve technology and dry running capabilities Wilden pumps are an economical solution to many applications.

Because of their popularity in the general industry, spare parts and replacement pumps are readily available. Wilden pumps are suitable for use in general industrial applications involving chemical transfer and dosing. The food and pharmaceutical industries are also catered for with polished Stainless Steel models available with FDA certification.

Process Pumps has a wealth of experience in selecting the most suitable Wilden pump for your application, along with many years of experience in troubleshooting and servicing all models of these popular pumps.

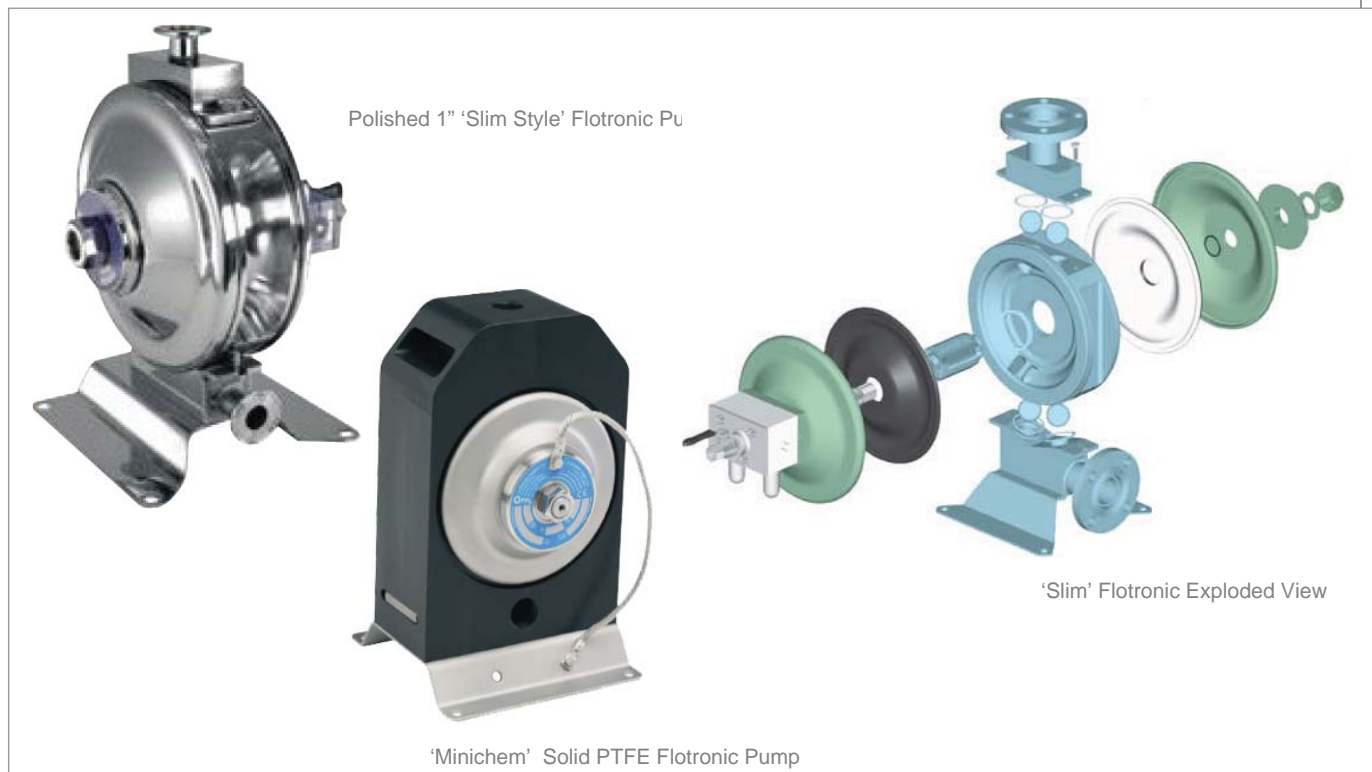
Elastomer Options

- Polyurethane
- Buna-N
- Neoprene
- Teflon
- Saniflex (FDA Approved)
- Wilflex (Thermoplastic)

Pump Housing Materials

- Aluminium
- Cast Iron
- Stainless Steel
- Hastalloy-C
- Polypropylene
- PVDF (Kynar)
- Acetal

Flotronic 'One-nut' Air Operated Double Diaphragm Pumps



Introducing a revolutionary design of double diaphragm pumps, the Flotronic one-nut principal is unique to the market. With the pumped liquid passing through the centre of the pump body rather than the outside chambers as commonly found on competitors diaphragm pump designs.

This allows for many advantages over the traditional style of diaphragm pump, including compact designs and simplified air systems. However the standout feature of this design is the ease of maintenance and cleanability. Servicing the main pump components requires the removal of only a single nut. Diaphragm servicing can be completed in as little as 15 minutes without requiring the removal of the pump from connecting pipe work. Cleaning and sanitising the pump is just as easy, and are suitable for CIP & SIP systems.

Fitted as standard with long life Teflon bonded EPDM diaphragms this pump is ideal for use in the food, pharmaceutical, and cosmetic industries. With a wide range of optional extras such as integral pulsation dampers, barrier systems (with diaphragm failure alarm), and ATEX hazardous area certification, this pump is one of the most versatile units on the market today.

Pump Casing Materials

- 316 Stainless Steel (Polished or machined)
- Aluminium
- Virgin Polypropylene
- PVC
- PVDF (Kynar)
- ETFE

ANSI CENTRIFUGAL PUMPS



Griswold Heavy Duty ANSI Centrifugal Pump



Griswold 811 Series ANSI Pump

The Griswold range of ANSI centrifugal pumps are a proven performer of the pump industry. Engineered for exceptional performance and flexibility, they are designed to handle the harshest environments and duties.

Fully ANSI B73.3 compliant, Griswold take pride in manufacturing exceptional quality pumps at competitive costs and reduced ongoing costs. Further innovations can be seen in the 811LF range of pumps which feature a high head, low flow radial impeller to maximise efficiency in such applications.

With a wide range of materials and mechanical seal options available, these bullet proof pumps are well placed to replace or replicate existing ANSI pump applications.

Griswold ANSI pumps boast an average bearing life of 50,000 hours you can depend on this pump to be reliable and efficient over its operating life.

Materials of Construction

- Ductile Iron
- 316 Stainless Steel
- Hastalloy-C
- CD4MCu (Duplex Stainless Steel)

Liquiflo External Gear Pumps



Cut-away of Liquiflo H Series Pump



Liquiflo 2 Series Gear Pump

Liquiflo manufactures high quality Gear Pumps, specifically designed to meet the demanding needs of the chemical industry. Liquiflo pumps are manufactured from materials including; 316 Stainless Steel, Alloy-C, Alloy-20 and Titanium. By offering a large selection of corrosion-resistant internal materials and multiple sealing options such as mechanical seals and magnetic drives. Liquiflo pumps are capable of pumping a wide range of chemicals including acids, caustics, solvents and polymers over a wide range of conditions.

Gear pumps are self priming positive displacement pumps that produce a non pulsating flow and require lower NPSH (net positive suction head) to operate. They are ideal for metering applications and for pumping nonabrasive, viscous liquids at high differential pressures. Liquiflo has extended the useful range of gear pumps into low viscosity fluids by using a wide variety of non-metallic, self-lubricating components. Liquiflo gear pumps have handled thousands of difficult chemicals and have been successfully applied in many difficult pumping situations, including high viscosity, high pressure, and high temperature applications.

Liquiflo gear pumps are a popular alternative to other pumping technologies, such as Diaphragm pumps, Progressive Cavity pumps, Peristaltic pumps and Piston metering pumps. Gear pumps are an alternative to Diaphragm pumps because they do not pulse or require an expensive air source to operate. For metering applications, they do not require pulsation dampeners or other ancillary equipment. In continuous duty applications, they generally last longer than Diaphragm, Progressive Cavity or Peristaltic pumps, which require frequent part replacement, such as diaphragms, stators, rotors or hoses. Gear pumps have a simple principle of operation which makes them easy to understand and repair.

Liquiflo have also recently released the 'Poly-Gard' range of PFA (Fluoro Polymer) lined pumps for applications where metals are not suitable, but the strength of Stainless Steel is desired, further strengthening the Liquiflo gear pump range.

Performance Envelope

- H Series: Flows to 114 litres/minute
- Max Series: Flows to 75 litres/minute
- 4 Series: Flows to 13 litres/minute
- 3 Series: Flows to 208 litres/minute
- 2 Series: Flows to 1.4 litres/minute
- P Series: Flows to 57 litres/minute

Pump Materials

- 316 Stainless Steel
- Titanium
- Hastalloy-C
- Alloy-20 (Carpenter-20)
- PFA (Fluoro Polymer) Lined Stainless Steel
- Teflon
- PEEK
- Ryton
- Carbon
- Silicon Carbide

MICROPUMP®

Micro pump Magnetic Drive Gear Pumps



Micro pump GA Series Pump



Micro pump GC Series Pump

Specialising in OEM and industrial pump applications where precise fluid control is required, Micropump offers an assortment of wetted material options, including advanced engineered composites, corrosion resistant metal alloys, wear-resistant ceramics, and hardened steel.

With more than 50 years of experience, Micropump is the market leader in seal-less, low-flow gear pumps. Micropump is also the originator of magnetic drive gear pump technology – the “leak-free” pumping solution. The brand offers standard models, configure-to-order options, and custom solutions to your fluid-handling needs.

Micropump’s technologies include external gear, micro annular gear, valveless piston, peristaltic, sliding vane, and centrifugal pumps. The brand’s magnetic drive pumps are configured with a static seal that ensures leak-free operation. All Micropump gear pumps deliver continuous, smooth flows with virtually no pulsation.

Performance Envelope

- Flow Ranges from 0.4µL/min to 42 litres/min
- Minimum Dispensing Volume: 0.25µL
- Differential Pressures to 80 Bar
- System Pressure Capabilities to 80 Bar

Industries Served

- | | |
|---------------------------------|------------------------------------|
| • Aerospace | • Environmental & Water Treatment |
| • Biotechnology | • Food & Beverage |
| • Chemical Processing | • General Industry |
| • Clinical & Analytical | • Medical & Diagnostic Instruments |
| • Laboratory Instruments | • Paints & Inks |
| • Electronics & Superconductors | • Pharmaceutical & Cosmetic |
| • Superconductors | |
| • Energy & Fuel | |

GEAR, PERISTALTIC AND ROTARY LOBE PUMPS

Ismatec
Gear, Peristaltic, and Piston Pumps



Ismatec REGLO-Z Drive with Micropump



Ismatec IP-N / IPC-N Multichannel Pump



Ismatec 'Flowmaster' Peristaltic Pump

As a sister company of Micropump, Ismatec specialise in the manufacture and supply of high precision liquid pump equipment. From complete standalone dosing and batching systems to OEM solutions for equipment manufactures.

Available pump options include; single and multi-channel peristaltic pumps, rotary piston pumps, and the Micropump range of seal-less gear pumps. The pump options can then be fitted a drive which suits your application.

The goal of this combination is precision, both in flow accuracy and repeatability. Ismatec equipment is often designed to integrate with existing control equipment utilising both analog and digital inputs. Likewise, Ismatec units also output digital/analogue data for logging and controlling associated equipment.

The complete range of Ismatec equipment covers complex programmable solutions through to simple standalone drives.

Industries Served

- Pharmaceutical
- Laboratory
- Food
- Agriculture
- Medico-Health

Performance Envelope - Peristaltic Pumps

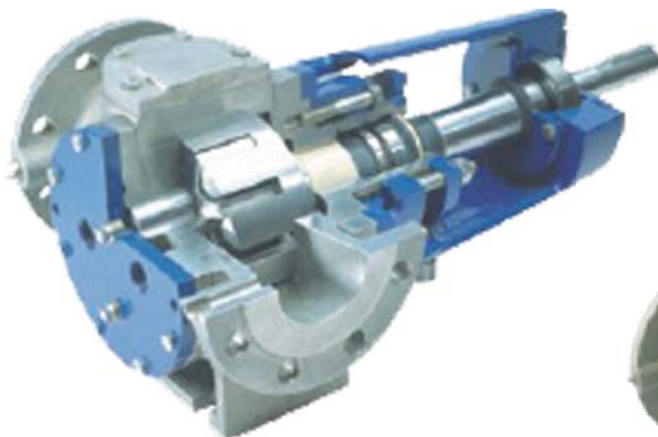
- 0.01 to 230 ml/min (Reglo, IP & IPC)
- 0.021 to 26 ml/min (MS-CA)
- 0.005 to 5400 ml/min (Ecoline)
- 37 to 13000 ml/min (Flowmaster)

Performance Envelope - Gear Pumps

- 1.0 to 3290 ml/min (Reglo & Reglo Digital)
- 1.0 to 7240 ml/min (MCP & MCPZ)
- 0.025 to 2300 ml/min (MCP-CPF Process)
- 0.1 to 180 ml/min (Reglo CPF Digital)
- 0.045 to 180 ml/min (Reglo CPF Analogue)



Desmi Rotan Heavy Duty Internal Gear Pump



Rotan CD Series Pump



Rotan ED Mag-Drive Series Pump

Desmi Rotan is a European manufacturer of heavy duty internal gear pumps. From small 1" pumps right up to the impressive 8" sized units these pumps are ideal for use in applications where long life and low maintenance is required.

With excellent performance on viscous products, along with a wide range of both external and internal material options, these pumps are compatible with a wide range of chemicals and fluids, available in conventional mechanical seal, double seal, packed gland, and magnetic drive configurations.

Rotan pumps can be configured for specialist applications such as pumping chocolate for food processing, or fitted with seal flush lines and front and rear heating jackets.

As testament to the pumps quality of construction, these pumps can be used in API specified applications (with exceptions).

External Material Options

- Cast Iron
- Carbon Steel
- Stainless Steel

Internal Material Options

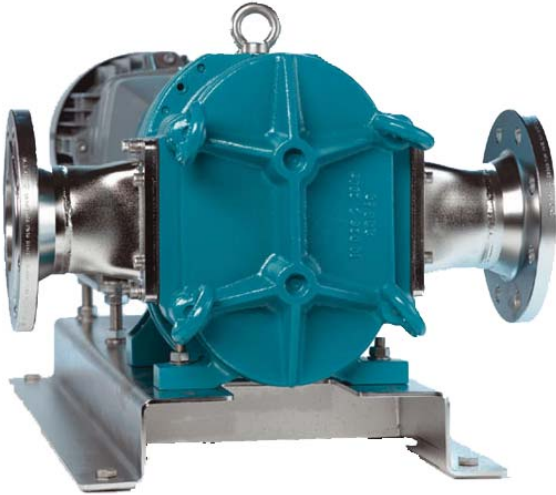
- Cast Iron
- Hardened Steel
- Bronze
- Carbon
- Ceramic (Aluminium oxide)
- Tungsten Carbide
- Hardened Stainless Steel

Applications

- Chemical Processing
- Food Applications
- Asphalt Processing
- Petrochemical
- Waste Oil Processing

Börger Rotary Lobe Pump

BÖRGER



Börger PL Series Pump Complete



Cut Away View, Börger Lobe Pump

The range of Börger lobe pumps is an ideal choice of pump for difficult applications involving large solid particles, or where self priming or dry running is expected.

Börger pumps have been designed with the intention of making maintenance as painless as possible. Virtually all major wearing components can be replaced through the pump casing, which allows maintenance to be carried out with the pump still connected to the associated pipe work.

The pumps themselves are of rugged design, with separate lubrication chambers for protecting the mechanical seals, and lobes which are available in a wide range of materials to suit a wide range of applications. Hardened radial and axial wear plates also allow for economical maintenance, as the pump casing does not require replacement when worn.

Design Advantages

- Self Priming
- Dry Running Capable
- Separate Seal Lubrication
- Solids Handling Capability
- Maintenance In Place

Lobe Material Options

- Nitrile
- Viton
- EPDM
- Stainless Steel
- Teflon

Pump Casing Material Options

- Cast Iron
- Hardened Ductile Cast Iron
- Stainless Steel
- Duplex & Super Duplex Stainless Steel

METERING AND DOSING PUMPS



Lutz - Jesco Metering and Dosing Pumps

Jesco MR Series Pump



Jesco Magdos Range



Lutz-Jesco manufactures a wide range of metering and dosing pumps. From the compact Magos LT range of solenoid driven pumps to the larger Memdos pumps fitted with IEC frame industrial motors and sophisticated controllers.

High accuracy and repeatability is the main focus of the Lutz-Jesco range, backed up with a wide range of chemical resistant materials. A full suite of accessories is also available such as injection nozzles, pressure loading valves, and measuring instruments.

www.jesco.de

METERING AND DOSING PUMPS



Bran+Luebbe Metering and Dosing Pumps



Pro-Cam Series Piston Pump



Pro-Cam Series Diaphragm Pumps

Bran+Luebbe have over 75 years of experience in manufacturing metering and dosing pumps. The robust design and excellent accuracy/repeatability rates have made them a favourite of many major chemical/petrochemical processors.

Bran+Luebbe manufacture both diaphragm driven metering pumps and piston driven metering pumps.

Process Pumps is an authorised service agent for Bran+Luebbe pumps, with both on and off site servicing and training also available

www.branluebbe.com

Timmer-Pneumatik Air Operated Glue Pumps



Glue Pump with Integrated Heater



Standard Timmer Glue Pump

The Timmer glue pump is an air operated double acting piston pump designed specifically for handling glue products. Generally found on bottling and packing lines for affixing labels to products these pumps provide a smooth low pulsing flow with near silent operation.

The pump are available in a standard configuration, however an integral heater model can be supplied as well to pre-heat the glue to a pre-set temperature as it passes through the pump chambers.

Various additional items can also be supplied include pump brackets, drum caps and support rings. Process Pumps (Australia) maintains a full suite of spare parts to repair/replace any Timmer Glue pump, providing minimal downtime for your packaging/bottling line.

VALVES



Valam Manual and Actuated Diaphragm Valves



Sanitary Diaphragm Valve



Lined Diaphragm Valve

Diaphragm valves have many advantages over the traditional gate, ball, and knife valves. Diaphragm valves can be constructed from common materials such as Cast Iron, Stainless Steel and Plastic. Metallic valves can be lined internally with materials such as Tefzel, Halar and various hard and soft rubber compounds for excellent abrasion or chemical resistance.

Valam diaphragm valve components are completely traceable, also all components are completely interchangeable between Valam and Saunders Valves. Sanitary versions are also available for use in the food, pharmaceutical, and cosmetic industries. Pneumatic and electric actuators can be fitted for fully automatic operation.

Diaphragm Materials

- Natural Rubber
- Nitrile
- Butyl
- Neoprene
- Hypalon
- Viton
- EPDM
- PTFE

Body Lining

- Ebonite
- Soft Rubber
- Butyl
- Viton
- Hypalon
- Rilsan
- Glass
- PFA/ETFE/ECTFE

www.valam.com.ar

VALVES



Valvole Hofmann Pneumatic and Electrically Actuated Valves

Steam Control Valves



Air Actuated on/off control valves



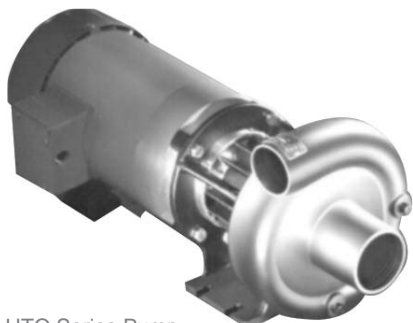
Hofmann actuated valves, manufactured by Bonino Engineering of Italy are a high quality alternative when diaphragm valves are not desired or required.

A wide range of actuated valves in multiple configurations are available to suit a wide range of applications. Generally constructed from 316 Stainless Steel or Cast Iron. The range includes on/off valves, three way valves, and steam control valves.

www.valvolehofmann.com

HOT OIL PUMPS

MP Pumps, Inc.
Hot Oil Pumps



MP Pumps, HTO Series Pump



MP Pumps, HTO Series Pump

MP pumps Inc. manufactures a range of centrifugal pumps ideal for pumping hot liquids such as oil, able to handle liquids up to a stunning 340°C using a carbon graphite isolating bush between the pump and mechanical seal, this high temperature handling capability can be achieved without the use of any cooling jackets or additional support equipment.

Pumps can be close coupled to motors or long coupled depending on the clients preference. Flow rates range from 38 to 1,900 litres/minute and discharge heads up to 60 metres.

www.mppumps.com

FILTERS AND STRAINERS

Eaton Filtration
Bag Filters and Basket Strainers



Eaton 'Topline' Bag Housings



Eaton Basket Strainer

Process Pumps is an authorised distributor of Eaton (formerly Hayward) bag filters, housings, and basket strainers. Filter bags are available in a variety of micron ratings (typically 1 to 800 micron) and physical sizes.

Bag housings are constructed from 316 and 304 grade Stainless Steel, polypropylene and PVC housings are also available for acid based duties.

Basket filters are an economical alternative to bag housings where such fine filtration is not so crucial. Basket strainer housings are available in Cast Iron, Aluminium, Bronze, and Stainless Steel.

www.filtration.eaton.com

FILTERS AND STRAINERS



Hayward Flow Control Plastic Pipeline Products



Hayward PVC Basket Strainer



Hayward PVC Ball Valve



Hayward Polypropylene Bag Housing

Hayward flow control manufacture state of the art plastic components such as manual valves, check valves, pressure relief and flow control, filter strainers and bag filter housings.

Plastics used in Hayward products are generally PVC, polypropylene, and PVDF (Kynar). All of these products are ideal for use in the chemical industry, especially where acids are being used.

For more information on the extensive range of Hayward flow control products please contact Process Pumps for additional guidance.

www.haywardflowcontrol.com

MIXERS AND EMULSIFIERS



Process Pumps (Australia) Fluid Mixers



Side Entry Sanitary Mixer



Top Entry Emulsifier

Process Pumps has a wealth of experience in designing and manufacture highly engineered fluid mixers. With extensive knowledge of top, side, and bottom entry mixers of 100 watts to +100kW for all types of fluids from thin to thick, including and excluding solid particles.

Process Pumps understand the various concepts that need to be utilised for blending, dissolving, solids suspension, and flocculent applications, with wide range of mixer blade (propellers) to suit any application.

Specialised mixers have also been produced for the food, pharmaceutical, and cosmetic industries, with polished stainless steel components and sanitary welding. Mixers can be fitted with seals for vessels where foreign contamination is not desired.

www.processpumps.com.au



COMPANY CONTACTS

COMPANY MANAGER

Tom Brown
0425 774 502
tombrown@processpumps.com.au

BUSINESS DEVELOPMENT MANAGER

Dale Watkinson
0425 774 501
dwatkinson@processpumps.com.au

NATIONAL SALES MANAGER

Karl Koce
0425 774 504
kkoce@processpumps.com.au

PRODUCTION MANAGER

Michael Rundell
0421 045 220
mrundell@processpumps.com.au

SALES & DESIGN COORDINATOR

Daniel Beaven
0458 681 229
dbeaven@processpumps.com.au

NSW SALES ENGINEER

Steve Genn
0425 211 497
sgenn@processpumps.com.au

ON-SITE SERVICE TECHNICIAN

Andrew McIntosh
0425 774 506
andrew@processpumps.com.au



Process Pumps (Australia) Pty. Ltd
Unit 5, 385 Dorset Road
Boronia, Victoria, 3155 Australia
P: + 61 3 9839 9222 F: + 61 3 9839 9233