



VERDER LTD

Products & Services Overview

Air operated double diaphragm pumps | Mag drive centrifugal pumps
Peristaltic pumps | Self priming | Progressing cavity pumps
Gear pumps | Screw channel | Pump solutions | Service centre



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Pumping solutions for liquid handling

Verder manufactures and supplies high quality pumping solutions throughout the world to a variety of industries including: water and wastewater, printing, packaging, chemical, industrial, food and beverage, construction and pharmaceutical.



Verder's range of quality, industrial pumps can assist any process or application. The Verder pump range:

- Air operated double diaphragm pumps
- Mag drive centrifugal pumps
- Peristaltic pumps
- Piston and Hydraulic membrane pumps
- Self priming pumps
- Gear pumps
- Progressing cavity
- Screw channel pumps

Thanks to the wide range of experience and technical expertise, Verder customers can obtain a quality product, which is supported by technical, installation, maintenance and repair services.

Innovative products of the highest quality are typical of all Verder Companies, and with over 50 years experience in providing reliable and cost effective fluid handling solutions we are specialists in this field.



Our Pumps

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

Verderair is a series of double diaphragm pumps, which are highly engineered. The result is a pump delivering a smooth, reliable flow. The new air valves design guarantees a perfect, non-stalling operation, even at low pressure. The air valves do not need any lubrication and thanks to their unique design, the pumps are able to handle very abrasive and/or viscous products.

VERDERAIR

Verderair air operated diaphragm pumps are capable of pulses and reliable transfer of liquids. With its unique air valve design a perfect non-stalling operation is guaranteed.

Flow	0-63 m ³ /h
Discharge pressure	up to 16 bar
Models	¼; ⅜; ½; ¾; 1"; 1½"; 2"; 3"
Choice of material	PP, PVDF, Acetal, Aluminium, Cast iron, SS



ALMATEC

Almatec is a range of air operated pumps including high pressure and ultra pure models, which are ideal for aggressive materials and where environmental conditions would cause corrosion.

Flow	10 l/min – 32 m ³ /h
Discharge pressure	up to 16 bar
Choice of materials	PE, PTFE, SS 316 also in conductive executions
Diaphragms	EPDM, PTFE, Buna
Optional	Diaphragm monitoring barrier system, pulsation dampeners



VERDERAIR/ALMATEC HYGIENIC

Besides the industrial diaphragm pumps, Verder also offers a complete range of hygienic air operated diaphragm pumps. These pumps are specifically designed for use in the food, pharmaceutical and cosmetics industry.

Flow	up to 30 m ³ /h
Discharge pressure	up to 7 bar
Choice of materials	polished 316 S/S wetted parts
Diaphragms	EPDM, NBR or PTFE
Optional	Diaphragm barrier chambers, stroke sensor, valve ball lifters pulsation



MAG DRIVE CENTRIFUGAL PUMPS

The Verdermag series consists of mag drive centrifugal pumps that are seal-less and hermetically closed. Verdermag pumps have an excellent resistance to corrosion making them a reliable solution for many applications.

VERDERMAG VMD

The Verdermag VMD is a very compact, magnetic driven centrifugal pump used for lower flow processes and for digital preparation.

Flow	up to 110 l/min
Head	up to 20 m
Choice of materials	Polypropylene, ETFE



VERDERMAG GPMD, GLMD & GPSP

The GPMD/GLMD magnetic coupled pump series are for mid-capacity applications. These series of hermetically closed pumps are available in PP and ETFE.

Flow	up to 84 m ³ /h
Head	up to 35 m
Choice of materials	Polypropylene, ETFE and ETFE lined metal pumps



VERDERMAG TB, U & V&W

The Verdermag TB (Thrust-balancing) & U (Universal) mag drive pump series are suitable for pumping aggressive materials and where the pumping media contains a higher proportion of solid material.

Flow	up to 260 m ³ /h
Discharge pressure	up to 102 m
Choice of materials	ETFE-Tefzel*, PFA
Working Pressure	up to 20 bar

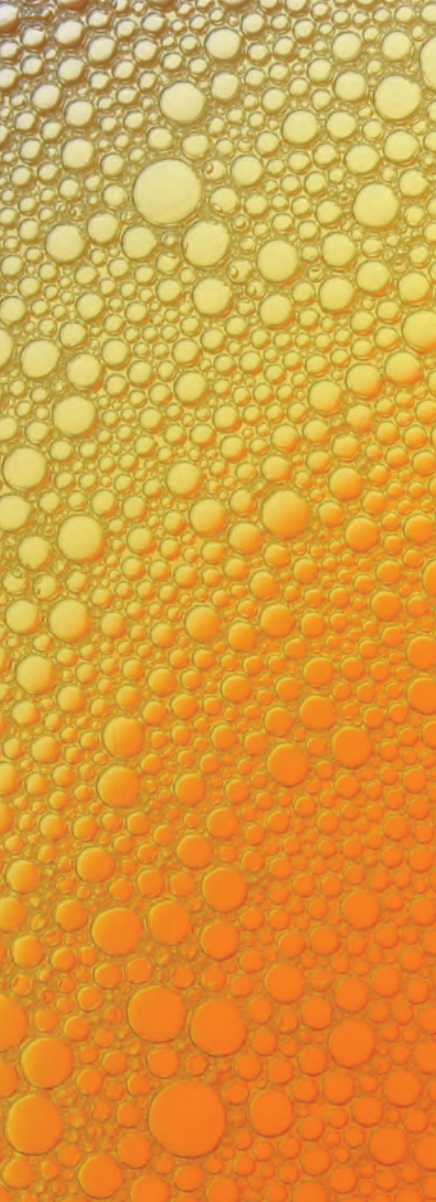


VERDERMAG GLOBAL

Verdermag Global metallic centrifugal pumps are synchronous magnet-driven seal-less pumps. Verdermag Global pumps are ideally suited to heavy duty processes. Every Verdermag Global pump is hermetically closed, thereby creating a leak-free unit.

Flow	from 0.5 m ³ /h to 150 m ³ /h
Discharge pressure	up to 102 m
Choice of materials	316 SS as standard, duplex & hastelloy upon request
Working pressure	16 bar, 50 bar, 100 bar as standard & up to 200 bar on request





PERISTALTIC PUMPS

Verderflex Peristaltic tube and hose pumps from Verder have gained worldwide prominence, particularly in dosing applications. These applications involve abrasive, highly corrosive, viscous, high density and shear sensitive products within industries such as water and waste water, food & beverage, chemical, biofuel, bioenergy, print & packaging and ceramics.

VERDERFLEX VF

The original Verderflex peristaltic hose pump with 12 models available.



Flow	0 – 90 m ³ /h
Discharge pressure	up to 16 bar
Hose diameter	5; 10; 15; 20; 25; 32; 40; 50; 65; 80; 100; 125 mm
Hose materials	Natural rubber, EPDM, Buna, Hypalon and Food grade nitrile

VERDERFLEX DURA

The Dura series forms a new generation of smaller hose pumps; the Dura 10, Dura 15 Dura 25 and now Dura 35, based on an innovative long coupled design with close coupled advantages.



Flow	up to 1600 l/h
Discharge pressure	up to 12 bar
Hoses	EPDM, NR, NBR, NBRF, CSM hoses and Verderprene
Special feature	Air gap between the pump casting and the gearbox for zero risk of cross contamination

VERDERFLEX SMART

The easy to use Verderflex smart tube pump is capable of pumping viscous, abrasive and chemically aggressive liquids.



Flow	up to 27 l/min
Pressure range	0 - 2 bar
Options	Remote control & dispensing options
Special feature	Tube changeover in seconds





VERDERFLEX SCIENTIFIC

The Verderflex Scientific range of pumps are highly accurate, repeatable low flow pumps, ideally suited for pharmaceutical and laboratory applications.

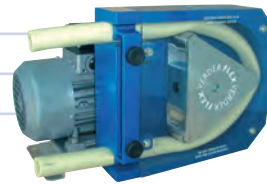
Flow	up to 1.3 l/min
Options	manual, analogue and digital control
Special feature	quick and easy tube change



VERDERFLEX INDUSTRIAL TUBE PUMPS

The industrial series has been developed to offer simple, reliable and cost effective pumping solutions for industrial applications.

Flow	up to 27 l/min
Pressure range	0 - 2 bar
Special feature	wide range of motor power



VERDERFLEX OEM

The Verderflex OEM range of tube pumps are designed for panel mounting or incorporation into 3rd party machines that need an accurate, low maintenance dosing solution.

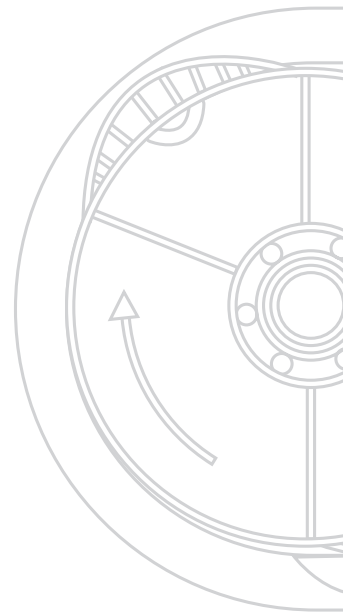
Flow	up to 2.2 l/min
Motors	A.C and D.C
Channels	multiple



VERDERFLEX AURA

Introducing the Verderflex Aura, a low flow, high pressure dosing tube pump. Specifically designed to offer high performance in the smallest of packages.

Flow	up to 80 ml/min
Pressure	0 - 4 bar
Special feature	easy tube loading facility





SELF PRIMING PUMPS

Verder also offers a quality range of self priming pumps for chemicals pumping, dirty water, applications with high solids content, high pressure applications.

VERDER SELF PRIME

The Verder self priming centrifugal pump range provides a reliable solution for pumping a variety of media including chemical, water and waster water applications.

Flow	up to 500 m ³ /h
Self priming	up to 7,5 mwc
Diameter solids	up to 75 mm Ø



ABEL

The Abel series of heavy duty pumps features electric-driven membrane, piston and hydraulic-driven membrane models. These models allow up to a 50% solids content to be handle with discharge pressures of up to 250 bar and flow rates of up to 600m³/h.

Flow	600 m ³ /h
Discharge pressure	up to 250 bar
Choice of materials	316 SS, Cast Iron, Aluminium, Polypropylene, PVDF



PROGRESSING CAVITY PUMPS

The Verderpro eccentric screw pumps are designed to handle 'difficult' liquids. Difficult liquids are liquids such as lime, slurry, chocolate, polymers and other viscous and non-fluidising liquids. The Verderpro pump range comprises of dosing pumps, vertical pumps, feed hopper pumps and hygienic pumps.

VERDERPRO

The Verderpro pump range comprises of dosing pumps, vertical pumps, feed hopper pumps and hygienic pumps.

Flow	up to 500 m ³ /h
Discharge pressure	up to 48 bar
Choice of materials	range of materials to suit your application requirements





GEAR PUMPS

The Verdergear industrial gear pumps are outstanding at providing solutions for difficult fluid handling applications. All Verdergear magnetic coupled pumps are manufactured with high precision, which enables very accurate dosing and transfer.

VERDERGEAR R

The Verdergear R series internal gear pumps are used for fluids of any viscosity. The special design makes the R gear pumps suitable for lubricating and non-lubricating fluids as well as for liquids with solids.

Flow	up to 97 l/s
Discharge pressure	16 bar
Temperature	from -60 °C to +300 °C
Choice of materials	Cast Iron & Stainless Steel



VERDERGEAR MICRO

The Verdergear VG 1000 micro external gear pumps are widely used all over the world in general industry purposes and many research laboratories.

Flow	maximum 480 l/h
Discharge pressure	up to 16 bar
Choice of material	SS316 & PEEK



VERDERGEAR LIQUIFLO

The Verdergear Liquiflo gear pumps are especially designed for applications in the chemical process industry, suitable for the transfer of many difficult fluids.

Flow	maximum 220 l/min
Discharge pressure	up to 15.5 bar
Models	4 available



HUS SCREW CHANNEL PUMP

The HUS channel screw pump is available in 6 sizes from 50 – 200 mm. With its numerous options the pump offers a high variety of possibilities to serve a wide range of application areas.

Flow range	max 1500 m ³ /h
Head	max 75 mwc





Pump Solutions

Booster sets

Verder provides tailor-made automated pressure set packages to boost water pressure which are capable of responding automatically to changing levels of demand. Verder can provide packages for many applications and processes including hotels, offices, industrial units and sewage works. We are able to provide packages to suit specific applications or to fit the complete process. Whether for hotels, offices, industrial units or sewage works Verder is able to meet your water needs.



Dosing Systems

Verder pumps partner Naiad Aquatic Environmental Services combining leading chemical dosing principles with Verder pumping technology and expertise. Verder chemical dosing packages use an innovative dosing method designed to reduce the site's costs and carbon footprint.

Apex

Apex are producers of end-suction centrifugal, horizontal multi-stage, high volume mix flow and vertical trunk slung pumps. Apex pumps are offered in a range of materials including cast iron, stainless steel, and hastalloy.

Grundfos

Grundfos provide a wide range of pumps including multi-stage vertical boost, jet, end-suction, bore-hole and submersible drainage and sewage pumps.

Lowara

Lowara provide a diverse range of pumps including multi-stage vertical boost, jet, end-suction, bore-hole and submersible drainage and sewage pumps.

Service Centre

The Verder service centre is a state-of the-art facility built to service and refurbish pumps to a high standard of finish and performance.

The Verder service centre specializes in a number of areas including repairs and refurbishment, overhauls, planned maintenance, engineering and technical support.

Our aim is to provide you with a cost-effective solution to prolong the efficient working life of your pump or an alternative solution to secure your pumping requirements.

To find out what else is on offer please contact the service centre on +44(0)1924 221 059



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Any questions? You may still have questions and/or comments after reading this brochure. Please feel free to contact us on +44 (0)1924 221 001. You can also contact us via email: info@verder.co.uk

