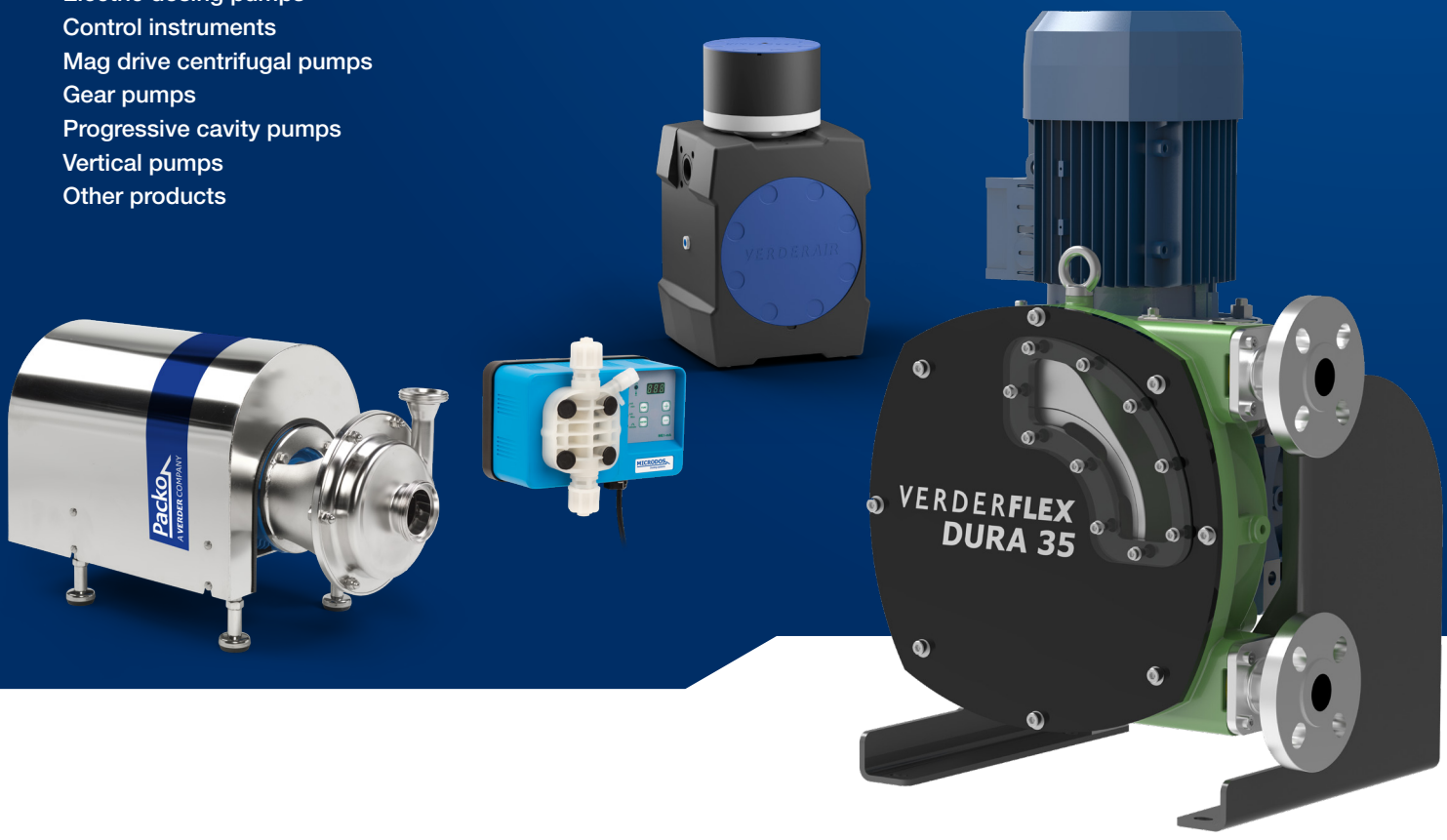
VERDER

A PUMP SOLUTION FOR EVERY APPLICATION

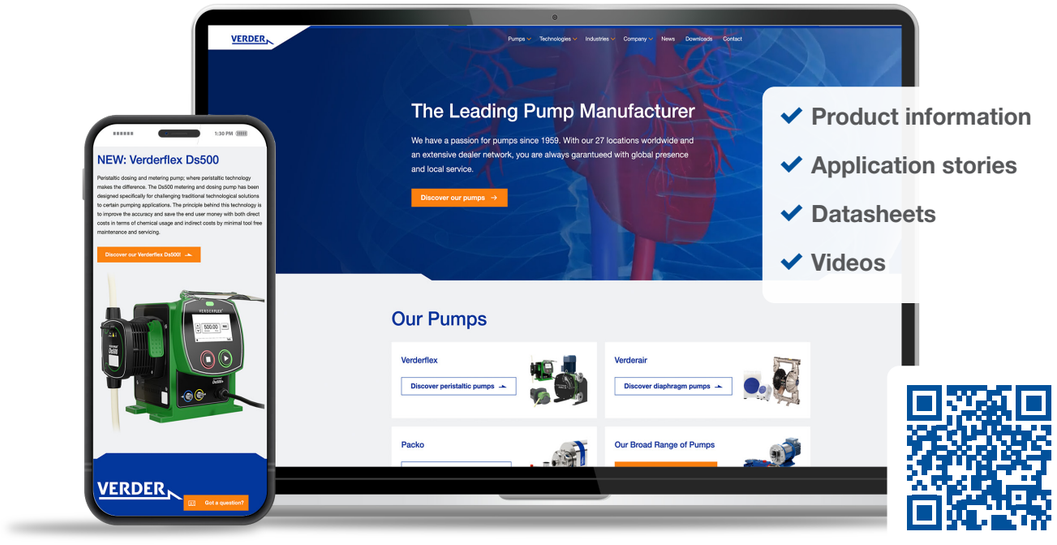
PRODUCT OVERVIEW

Peristaltic pumps
Air and electrically operated double diaphragm pumps
Stainless steel centrifugal pumps
Circumferential piston pumps
Rotary lobe pumps
OEM/dosing pumps
Electric dosing pumps
Control instruments
Mag drive centrifugal pumps
Gear pumps
Progressive cavity pumps
Vertical pumps
Other products



ENABLING PROGRESS.

GET IN TOUCH



- Product information
- Application stories
- Datasheets
- Videos

Contact VERDER LIQUIDS

If you would like to know more about our pumps then please visit our website **www.verderliquids.com** where you will find the full details of our pump range as well as application stories, latest news and technical datasheets and more.

If you need more information, please contact our sales on info@verderliquids.com

VERDER LIQUIDS BV
Utrechtseweg 4A
3451 GG Vleuten
The Netherlands

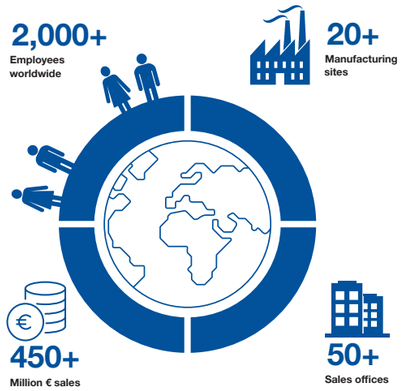
At VERDER, we are committed to providing you with top-notch service, wherever you are. That's why our network is continuously expanding, reaching out across all five continents. Our global sales network includes our own branches in 27 countries, supplemented by experienced independent distributors. Together, we provide our customers with the local support they need and ensure easy access to the spare parts they want. This comprehensive coverage is all part of our commitment to excellence, ensuring that we've got you covered, no matter where you are.

THE VERDER GROUP

Enabling progress

The VERDER group is a family-owned business formed over 60 years ago in the Netherlands; the group consists of a worldwide network of production and sales offices. Group companies are involved in the development and distribution of industrial and hygienic pump solutions, high-tech equipment for quality control and Research & Development into solid material (solids sample preparation and analytical technologies).

- 1 Company
- 27 Countries
- > 60 Years of expertise
- > 20 Manufacturing companies
- Global network
- Local distributors
- In-house service & maintenance
- A solution for every application
- In-depth knowledge of processes and applications



For years, Verder has led in innovation, driving our and our customers' success. Our global network of over 70 sales and manufacturing sites offers personalized sales and technical services, ensuring close customer relationships crucial for providing specific support and building lasting, trusting partnerships.

Verder is dedicated to making a positive impact by aligning with the UN's Sustainable Development Goals (SDGs) through our Environmental, Social, and Governance (ESG) program. Our goal is to lessen our environmental footprint, enhance employee well-being, and uphold ethical practices.

Inventing to make the world a better place

We leverage our expertise in sample preparation, analytical equipment, and professional pumping to empower our customers. We enable progress by improving their operations, we contribute to safer, more efficient, and sustainable processes, products, and services. Our contributions are pivotal in securing safe food supplies, ensuring responsive healthcare, and safeguarding clean drinking water in millions of households.

As a united family, we embrace our societal responsibilities with passion and a commitment to excellence. Our collective efforts are aimed at fostering a healthier, safer, and more sustainable world for all.

ENABLING PROGRESS.

OUR PRODUCTION COMPANIES

We are rightly proud of our production companies, with VERDER brands being produced in 7 locations in Germany, United Kingdom, Belgium, Poland, South Korea, Italy and Spain. In-house pump production allows us to be more responsive to customer demands, assures the shortest lead times and maintains greater control over quality and costs.

Verderflex, Verdermag & Verderhus – United Kingdom

VERDER's British manufacturing facility comprises the development and production of the VERDER house brand VERDERFLEX (peristaltic pumps), Verdermag (mag drive centrifugal pumps) and Verderhus (screw centrifugal pumps).

These pump series seek excellence from every aspect of the product and its journey to the customer. Continuous improvements provide the best possible product. After four decades of development and production, it is still the goal to further improve the performance and build of every pump we make.

Metplast (MTP) – Poland

Our VERDERAIR PURE, e-PURE and HC-PURE machined double diaphragm pumps are manufactured at the Metplast production location, according to the very highest production standards. In this modern production location everything is focused towards maintaining the highest standard of quality with a stringent protocol of testing.

Ponndorf – Germany

The Verderflex Rollit pump, hygienic and industrial, is manufactured at Ponndorf, Germany.

For over 50 years, Ponndorf has been developing and manufacturing high-quality peristaltic pumps, which are known for their rigid and robust construction.

The Rollit pumps are lubricant-free roller peristaltic hose pumps that are easy to maintain, especially if you need a quick hose change, and available in a standard single and twinhead version.

PACKO – Belgium & South Korea

PACKO, our manufacturing company, specializes in producing the highest quality stainless steel centrifugal pumps, as well as hygienic rotary lobe and twin-screw pumps for industrial, food, and pharmaceutical uses.

Our Belgian-made centrifugal pumps undergo a unique electropolishing process, including hand finishing, to ensure uncompromised quality. Additionally, we produce both static and dynamic mixers, while our rotary lobe and twin-screw pumps are made in South Korea.

Microdos – Italy

Microdos is a manufacturer of small dosing pumps and systems. They produce Microdos solenoid and peristaltic pumps including related professional control instruments and complete dosing systems.

Microdos has developed a strong position in Southern European countries for applications in swimming pools, detergent dosing and water treatment applications. Microdos also provides private labelling pumps for third party companies.

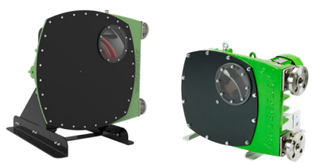
ITC – Spain

ITC supplies dosing pumps and control systems for agricultural and water treatment applications, and has a manufacturing and assembly facility in Barcelona.

ITC's commitment is based on innovation, quality and excellent service. They offer an technified irrigation system, without losses and that allows greater control and precision of fertilizer than conventional irrigation systems.

VERDERFLEX

Peristaltic pumps



VERDERFLEX VF (2 MODELS)

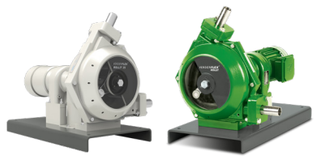
Max. flow rate	55 and 90 m³/h
Max. operating pressure	16 bar
Max. suction height	9,5 m.w.c.
Max. temperature	80°C
Max. solid particles pumping	25 and 31,25 mm
Max. viscosity	47.000 mPas

VERDERFLEX DURA (11 MODELS)

Flow rate	23 to 42.000 l/h
Max. operating pressure	8-16 bar
Max. suction height	9,5 m.w.c.
Max. temperature	100°C
Max. solid particles pumping	20 mm
Max. viscosity	27.000 mPas

VERDERFLEX iDURA (11 MODELS)

Max. flow rate	22,5 to 25.985 l/h
Max. operating pressure	Consult
Max. suction height	9,5 m.w.c.
Max. temperature	80°C
Max. solid particles pumping	20 mm
Max. viscosity	27.000 mPas



VERDERFLEX ROLLIT HYGIENIC AND INDUSTRIAL

	Hygienic	Industrial
Max. flow rate	6,9 m³/h	24,5 m³/h
Max. operating pressure	2 bar	4 bar
Max. suction height	7 m.w.c	7 m.w.c
Max. temperature	80°C	80°C
Max. solid particles pumping	22 mm	42 mm
Max. viscosity	35.000 mPas	35.000 mPas

VERDERFLEX RAPIDE

	RAPIDE	RAPIDE 5000
Max. flow rate	1.020 l/h	530 l/h
Max. operating pressure	2 bar	2 bar
Max. suction height	8 m.w.c.	8 m.w.c.
Max. temperature	85°C	85°C
Max. viscosity	1.000 mPas	

VERDERFLEX VANTAGE 5000 HYGIENIC AND INDUSTRIAL

Max. flow rate	6.600 ml/min
Max. operating pressure	7 bar
Max. suction height	8 m.w.c.
Max. temperature	80°C
Max. viscosity	1.000 mPas

VERDERFLEX DS500

Max. flow rate	500 ml/min
Max. operating pressure	7 bar
Max. suction height	8 m.w.c.
Max. temperature	85°C
Max. viscosity	100 mPas

VERDERFLEX

Peristaltic pumps

VERDERFLEX VANTAGE 3000

Max. flow rate	3,25 l/min
Max. operating pressure	2 bar
Max. temperature	85°C
Max. tube size	8 mm

VERDERFLEX OEM

Max. flow rate	2.200 ml/min
Max. operating pressure	2 bar
Max. temperature	85ºC
Max. tube size	1,6 mm x 1,6 mm
	3,2 mm x 1,6 mm
	4,0 mm x 1,6 mm
	4,8 mm x 1,6 mm
	6,4 mm x 2,4 mm
	8,0 mm x 2,4 mm

VERDERAIR

Air and electrically operated double diaphragm pumps

VERDERAIR VA (AODD)

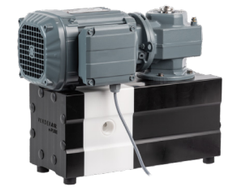
Max. flow rate	1.200 l/min
Max. operating pressure	8,6 bar
Max. suction height (wet)	9,5 m.w.c.
Max. temperature	135°C
Max. solid particles pumping	13 mm
Max. viscosity	25.000 mPas

VERDERAIR PURE (AODD)

Max. flow rate	660 l/min
Max. operating pressure	7 bar
Max. suction height (wet)	9,5 m.w.c.
Max. temperature	120°C
Max. solid particles pumping	11 mm
Max. viscosity	20.000 mPas

VERDERAIR E-PURE (EODD)

Max. flow rate	100 l/min
Max. operating pressure	5 bar
Max. suction height (wet)	9 m.w.c.
Max. temperature	70°C
Max. solid particles pumping	4 mm
Max. viscosity	2.000 mPas

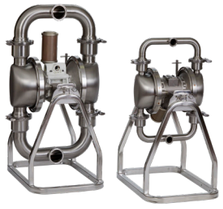


VERDERAIR HC-PURE (AODD)

Max. flow rate	465 l/min
Max. operating pressure	7 bar
Max. suction height (wet)	9 m.w.c.
Max. temperature	120°C
Max. solid particles pumping	16 mm
Max. viscosity	20.000 mPas

VERDERAIR

Air and electrically operated double diaphragm pumps



VERDERAIR HI-CLEAN (AODD)

Max. flow rate	870 l/min
Max. operating pressure	8 bar
Max. suction height (wet)	9 m.w.c.
Max. temperature	135°C
Max. solid particles pumping	96,5 mm
Max. viscosity	25.000 mPas

VERDERAIR EODD 2ND GENERATION

Max. flow rate	454 l/min
Max. operating pressure	6,9 bar
Max. suction height (wet)	8,8 m.w.c.
Max. temperature	135°C
Max. solid particles pumping	6,4 mm
Max. viscosity	20.000 mPas

VERDERAIR ELECTRIC DRIVEN (EODD)

Max. flow rate	830 l/min
Max. operating pressure	7 bar
Max. suction height (wet)	9 m.w.c.
Max. temperature	135°C
Max. solid particles pumping	12,7 mm
Max. viscosity	25.000 mPas

VERDERAIR HI-CLEAN (EODD)

Max. flow rate	378 l/min
Max. operating pressure	7 bar
Max. suction height (wet)	9 m.w.c.
Max. temperature	135°C
Max. solid particles pumping	12,7 mm
Max. viscosity	20.000 mPas

VERDERAIR HI-CLEAN PISTON DRUM PUMP (AODD)

Max. flow rate	9,5 l/min
Max. operating pressure	17 bar
Max. temperature	104°C
Max. viscosity	75.000 mPas

VERDERAIR CONT-EX (AODD)

Max. flow rate	105 l/min
Max. operating pressure	7 bar
Max. temperature	70°C
Max. solid particles pumping	9 mm
Max. viscosity	5.000 mPas

VERDERAIR HIGH PRESSURE PUMP (AODD)

Max. flow rate	189 l/min
Max. operating pressure	17,2 bar
Max. suction height	8,8 m.w.c.
Max. temperature	82°C
Max. solid particles pumping	3,2 mm
Max. viscosity	10.000 mPas

VERDERAIR VA SPLIT MANIFOLD (AODD)

Max. flow rate	56 l/min
Max. operating pressure	7 bar
Max. suction height	4,5 m.w.c.
Max. temperature	107°C
Max. solid particles pumping	2,5 mm
Max. viscosity	5.000 mPas

VERDERAIR VA DRUM PUMP (AODD)

Max. flow rate	61 l/min
Max. operating pressure	7 bar
Max. suction height	4,5 m.w.c.
Max. temperature	107°C
Max. solid particles pumping	2,5 mm
Max. viscosity	5.000 mPas

PACKO

Stainless steel centrifugal pumps

PACKO INDUSTRIAL PUMPS

Max. flow rate	1.800 m³/h
Max. operating pressure	40 bar
Max. differential head	220 m.w.c.
Max. temperature	140°C
Max. solid particles pumping	50 mm

PACKO SANITARY PUMPS

Max. flow rate	1.800 m³/h
Max. operating pressure	40 bar
Max. differential head	220 m.w.c.
Max. temperature	140°C
Max. solid particles pumping	50 mm

PACKO PHARMACEUTICAL PUMPS

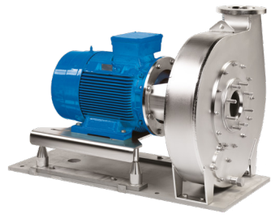
Max. flow rate	110 m³/h
Max. operating pressure	13 bar
Max. differential head	110 m.w.c.
Max. temperature	140°C
Max. solid particles pumping	22 mm

PACKO HIGH SHEAR PUMPS

Max. flow rate	200 m³/h
Max. operating pressure	10 bar
Max. differential head	55 m.w.c.
Max. temperature	140°C
Max. viscosity	100.000 mPas

PACKO VPCP PUMP

Max. flow rate	1.000 m³/h
Max. operating pressure	4 bar
Max. differential head	20 m.w.c.
Max. temperature	80°C
Max. particle size	213 mm



PACKO CRP PUMP

Max. flow rate	150 m³/h
Max. operating pressure	13 bar
Max. differential head	75 m.w.c.
Max. temperature	140°C
Max. particle size	22 mm

PACKO COLLOID MILL

Max. flow rate	15 m³/h
Max. operating pressure	10 bar
Max. differential head	35 m.w.c.
Max. temperature	140°C
Max. viscosity	100.000 cP with feed pump

PACKO

Rotary lobe - and circumferential piston pumps

ZL ROTARY LOBE PUMPS

Max. flow rate	100 m³/h
Max. operating pressure	20 bar
Max. temperature	150°C
Max. viscosity	1.000.000 mPas

ZP CIRCUMFERENTIAL PISTON PUMPS

Max. flow rate	42 m³/h
Max. operating pressure	15 bar
Max. temperature	180°C
Max. viscosity	1.000.000 mPas

ZLC ROTARY LOBE PUMP

Max. flow rate	100 m³/h
Max. operating pressure	20 bar
Max. temperature	150°C
Max. viscosity	1.000.000 mPas

ZW ROTARY LOBE PUMP

Max. flow rate	15 m³/h
Max. operating pressure	6 bar
Max. temperature	120°C
Max. viscosity	100.000 mPas

SERIES 55 & ULTIMA

	55	ULTIMA
Max. flow rate	40 m³/h	40 m³/h
Max. operating pressure	20 bar	15 bar
Max. temperature	140°C	140°C
Max. viscosity	1.000.000 mPas	1.000.000 mPas

HP/LH SERIES HY~LINE & HY~LINE +

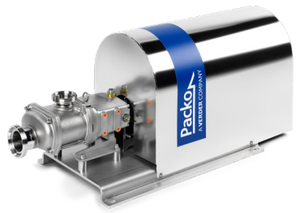
	HY~LINE	HY~LINE(+)
Max. flow rate	108 m³/h	41 m³/h
Max. operating pressure	15 bar	15 bar
Max. temperature	140°C	140°C
Max. viscosity	1.000.000 mPas	1.000.000 mPas

LT SERIES ROTARY LOBE TRUCK PUMP

Max. flow rate	41 m³/h
Max. operating pressure	15 bar
Max. temperature	140°C
Max. viscosity	1.000.000 mPas

ZS TWIN-SCREW PUMPS

Max. flow rate	100 m³/h
Max. operating pressure	12 bar
Max. temperature	150°C
Max. viscosity	1.000.000 mPas



MICRODOS

OEM – dosing – control

MICRODOS OEM

Max. flow rate	30 l/h
Max. operating pressure	3 bar
Max. suction height	8 m.w.c.
Max. temperature	85°C
Tubes	Santoprene, Silicone, Tygon, Viton

MICRODOS MP PERISTALTIC DOSING PUMPS

	MP Single	MP Dual
Max. flow rate	20 l/h	6 l/h
Max. operating pressure	4 bar	1 bar
Max. temperature	65°C	65°C
Protection Class	IP55	IP65
Models / functions	PH / Redox / Timer / Oxygen / mA / Multifunction / Chlorine / Pulses	

MICRODOS ME SOLENOID DOSING PUMPS

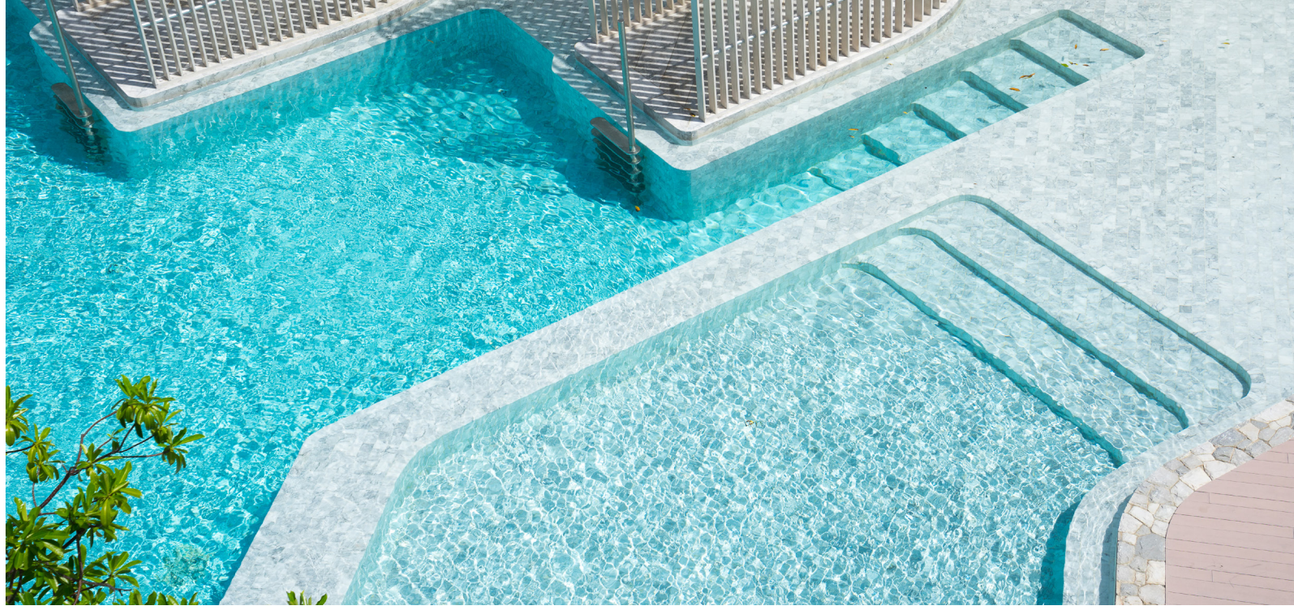
	ME Single	ME Dual
Max. flow rate	24 l/h	10 l/h
Max. operating pressure	18 bar	10 bar
Max. temperature	65°C	65°C
Protection Class	IP55	IP65
Models / functions	PH / Redox / Timer / Constant (digital or analog) / mA / Multifunction / Chlorine / Pulses	

MICRODOS ME DUAL PANEL

Max. flow rate	10 l/h
Max. operating pressure	10 bar
Protection Class	IP55
Models / functions	PH/RX , PH/Cl, PH/Reg

MICRODOS MP DUAL PANEL

Max. flow rate	6 l/h
Max. operating pressure	1 bar
Protection Class	IP65
Models / functions	PH/RX , PH/Cl, PH/Reg



MICRODOS POOLTEC

The new and innovative fully digital multiparameter instrument for the control and regulation of pool water treatment.

- Control of pH / Redox / Chlorine / Temperature values
- Automatic regulation of the recirculation pump
- Swimming pool lighting management
- Other fully programmable output
- IoT enabled to remotely control all the parameters and alarms of the pool

MICRODOS OXY

Eco Friendly:

Thanks to Hydrolysis technology OXY contributes actively in the protection of the environment.

Safe:

A healthy, pure, perfectly disinfected water, odorless, tasteless and with no risk of allergy to eyes and skin.

Smart:

Allows checking and operation of all the pool's functions at any time and from anywhere via smartphone or PC/tablet.

ITC

Electric dosing pumps and control units

DOSITEC

Max. flow	20 l/h
Max. discharge pressure	18 bar

DOSMART AC

Max. flow	60 l/h
Max. discharge pressure	16 bar

DOSTEC AC

Max. flow	1.200 l/h
Max. discharge pressure	20 bar

DOSTEC

	40	50
Max. flow	600 l/h	1.200 l/h
Max. discharge pressure	20 bar	12 bar

EFR

Max. flow	3.200 l/h
Max. discharge pressure	12 bar

TEKDOS FP

Max. flow	940 l/h
Max. discharge pressure	370 bar

WTRTEC

Multi-parameter controller for adjusting free chlorine, pH and ORP in water treatment plants and drinking water reservoirs.

Plug & Play Solutions

Full, compact equipment that saves on space and installation time. They can include pre-assembled sensors, controllers and support elements, allowing for easy, fast system assembly.

VERDERMAG

Mag drive centrifugal pumps

VERDERMAG V-MD

Max. flow rate	6 m³/h
Max. differential head	20 m.w.c.
Max. temperature	70°C

VERDERMAG GPSP, GPMD & GLMD

	GPSP	GPMD	GLMD
Max. flow rate	26,4 m³/h	78 m³/h	90 m³/h
Max. differential head	26,5 m.w.c.	30 m.w.c.	40 m.w.c.
Max. temperature	80°C	90°C	90°C

VERDERMAG U & TB

	U	TB
Max. flow rate	102 m³/h	360 m³/h
Max. differential head	50 m.w.c.	153 m.w.c.
Max. temperature	121°C	120°C

VERDERMAG GLOBAL

Max. flow rate	80 m³/h
Max. differential head	68 m.w.c.
Max. temperature	205°C

VERDERGEAR

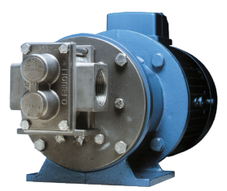
Gear pumps

VERDERGEAR SMALL

Max. flow rate	2.880 l/h
Max. operating pressure	17 bar
Max. viscosity	2.000 mPas

VERDERGEAR PROCESS

Max. flow rate	220 l/min
Max. operating pressure	24 bar
Max. viscosity	100.000 mPas



VERDERGEAR KRACHT

Max. flow rate	2.568 l/min
Max. operating pressure	300 bar
Max. viscosity	30.000 mPas

VERDERGEAR ENVIROGEAR

Max. flow rate	113 m³/h
Max. operating pressure	13,8 bar
Max. viscosity	50.000 mPas

VERDERBAR

Piston diaphragm pumps by Hydra-Cell

VERDERBAR G

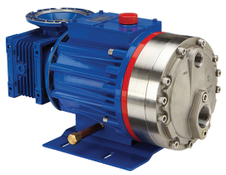
Max. flow rate	236 l/min
Max. operating pressure	172 bar

VERDERBAR T

Max. flow rate	366 l/min
Max. operating pressure	345 bar

VERDERBAR Q

Max. flow rate	595 l/min
Max. operating pressure	310 bar



VERDERBAR P

Max. flow rate	3.950 l/h
Max. operating pressure	172 bar

VERDERBAR MT

Max. flow rate	30,28 l/h
Max. operating pressure	241 bar

VERDERBAR

Diaphragm and piston pumps by ABEL

VERDERBAR EM

Max. flow rate	40 m³/h
Max. operating pressure	6 bar

VERDERBAR CM

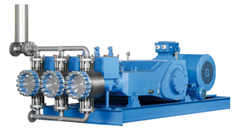
Max. flow rate	30 m³/h
Max. operating pressure	100 bar

VERDERBAR HM

Max. flow rate	90 m³/h
Max. operating pressure	100 bar

VERDERBAR HMT-HMQ

	HMT	HMQ
Max. flow rate	210 m³/h	410 m³/h
Max. operating pressure	250 bar	250 bar



VERDERBAR HP-HPT

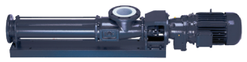
	HP	HPT
Max. flow rate	28 m³/h	50 m³/h
Max. operating pressure	160 bar	250 bar

VERDERBAR SH

Max. flow rate	110 m³/h
Max. operating pressure	160 bar

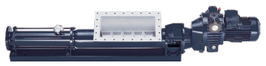
VERDERPRO

Progressing cavity pumps



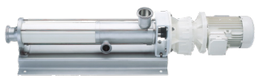
VPS MULTI-FUNCTIONAL PUMP

Max. flow rate	500 m³/h
Max. operating pressure	48 bar



VPR FEED HOPPER PUMP

Max. flow rate	500 m³/h
Max. operating pressure	48 bar



VPH FOOD PUMP

Max. flow rate	130 m³/h
Max. operating pressure	24 bar

VPD DOSING PUMP

Max. flow rate	1000 l/h
Max. operating pressure	24 bar

PACKO IML + IMO

Max. flow rate	1.000 m³/h
Max. differential head	60 m.w.c.
Max. temperature	200°C
Max. particle size	45 mm

VPI VERTICAL PUMP

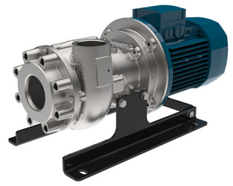
Max. flow rate	300 m³/h
Max. operating pressure	12 bar

BABCO

Max. flow rate	70 m³/h
Max. differential head	40 m.w.c.
Max. temperature	90°C
Max. solids	4 mm

OTHER PRODUCTS

To complete your process



VERDERHUS SCREW CENTRIFUGAL

Max. flow rate	360 m³/h
Max. operating pressure	24 m.w.c.
Max. temperature	100°C
Max. viscosity	3.000 mPas

VERDERMIX STATIC VMV, VML & VMS

Max. flow rate	500 m³/h
Max. operating pressure	16 bar
Max. temperature	100°C
Max. viscosity	10.000 mPas

VERDERMIX DYNAMIC

Max. shaft length	3 m
Max. speed	3.000 rpm
Max. viscosity	1.000 mPas

LOCAL PRESENCE

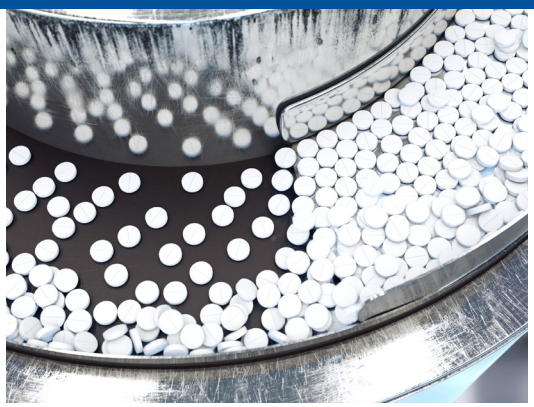
VERDER has 27 own sales offices worldwide. There is also an extensive network of local distributors who are skilled and well-trained by VERDER. As a result, VERDER offers a worldwide coverage but is also locally on site. Logistics are centralized to ensure that many pumps and spares are availability and ready to be sent.

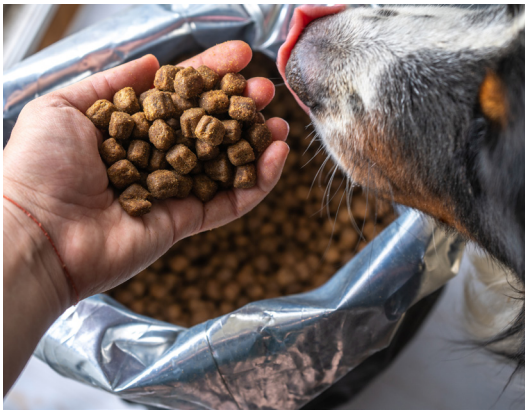
With 27 sales offices worldwide, 7 manufacturing plants and a very extensive centralized logistics center, VERDER strives to have a worldwide presence to be able to serve the customer base quickly, reliably and efficiently.

VERDER realized a huge logistics center in Groningen, the Netherlands. In this way the distribution of VERDER pumps in Europe is completely centralized. This ensures a fast distribution of your pump; In Europe even with "next day delivery". The other branches and the distributors are supplied with two more centralized warehouses. In this way also worldwide customers benefit of the centralization of the logistics.

At logistics there are two key values: "in time" and "in perfect condition". We strive to continuously improve production and distribution to be able to guarantee the high standards we want for our customers.

- ✔ China
- ✔ Europe
- ✔ India
- ✔ Japan
- ✔ South-Africa
- ✔ South-Korea
- ✔ United States of America






VERDER LIQUIDS

The leading pump manufacturer

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VERDER
passion for pumps

Austria, Belgium, Bulgaria, China, Croatia, Czech Republic, France, Germany, Hungary, India, Italy, The Netherlands, Poland, Republic Of Korea, Romania, Serbia, Slovakia, South Africa, Spain, Switzerland, United Kingdom and United States of America.

VERDER Product overview_2024_int(en)