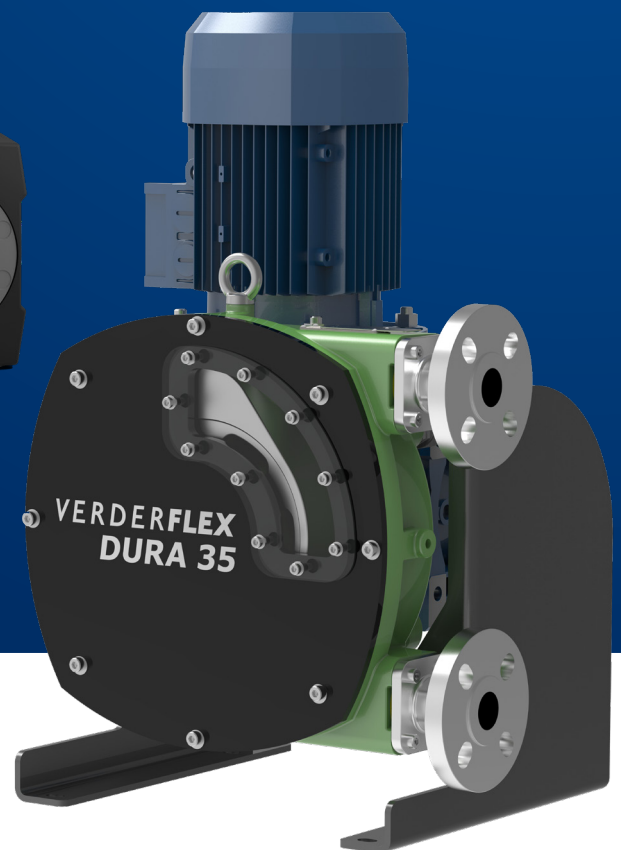


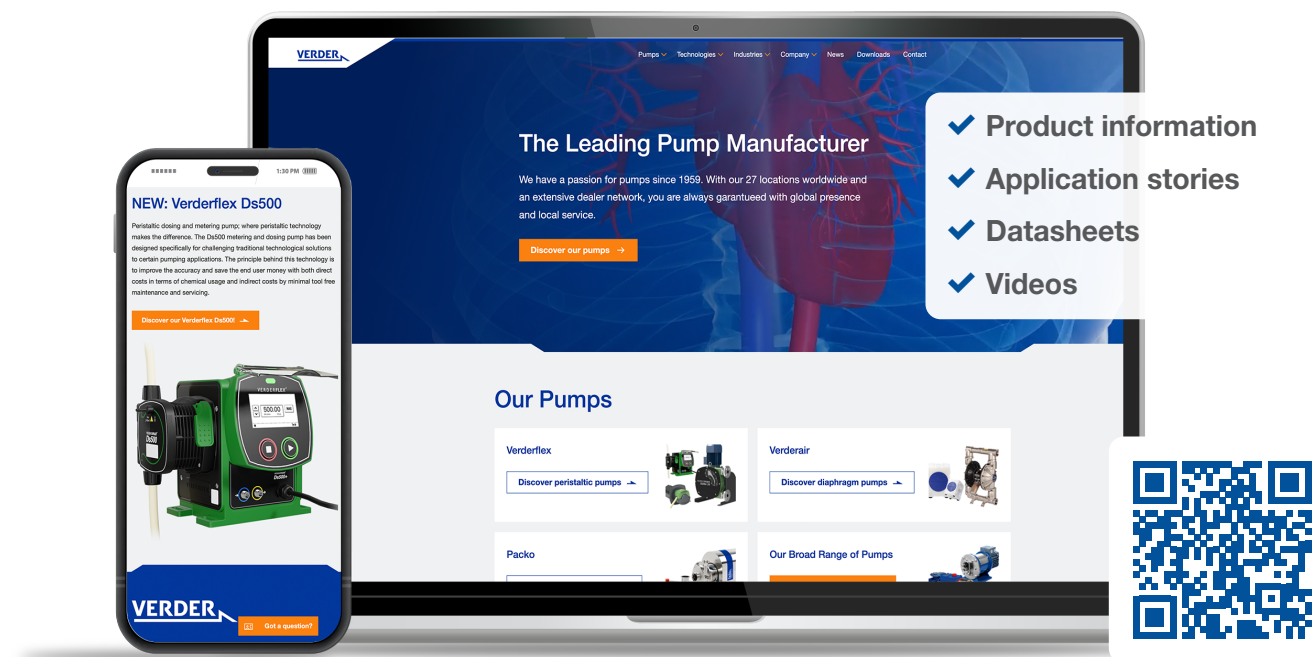
A PUMP SOLUTION FOR EVERY APPLICATION

# 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



# GET IN TOUCH



## 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](mailto:info@verderliquids.com)

### VERDER LIQUIDS BV

Utrechtseweg 4a  
Vleuten, 3451GG  
Netherlands

At VERDER, we are committed to providing you with excellent service globally. Our expanding network reaches out across all five continents, comprising our own branches in 24 countries, supplemented by experienced independent distributors. This ensures local support and easy access to spare parts for our customers, underlining our dedication to excellence and comprehensive coverage worldwide.

# THE VERDER GROUP

## Enabling progress



The VERDER group is a family-owned business founded in 1959 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
- 24 Countries
- Pump experts since 1959
- 24 Manufacturing companies
- Global network
- Local distributors
- In-house service & maintenance
- A solution for every application
- In-depth knowledge of processes and applications

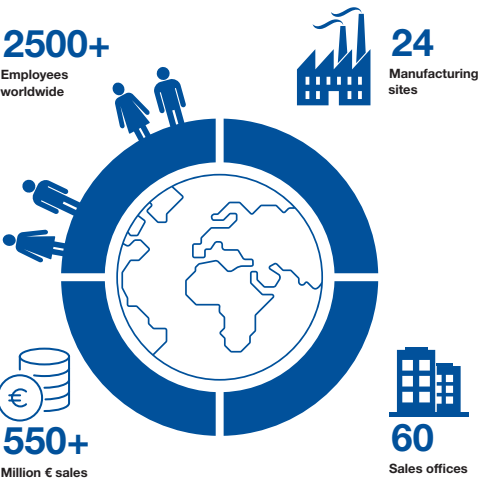
For years, VERDER has led in innovation, driving our and our customers' success. Our global network of over 70 sales and manufacturing sites offers personalized sales and technical services, ensuring close customer relationships crucial for providing specific support and building lasting, trusting partnerships.

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 6 locations in 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 – United Kingdom

VERDER’s British manufacturing facility comprises the development and production of the VERDER house brand VERDERFLEX (peristaltic pumps) and VERDERMAG (mag drive 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 – Poland

The VERDERFLEX Rollit pump, hygienic and industrial, is manufactured at the Metplast production location.

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 to ensure uncompromised surface quality. Additionally, we produce static and dynamic mixers and Verderhus screw impeller pumps. 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

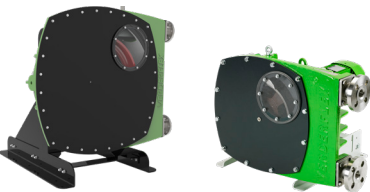
ITC supplies dosing pumps and control systems for agricultural and water treatment applications, and has a manufacturing and assembly facility in Barcelona.

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.



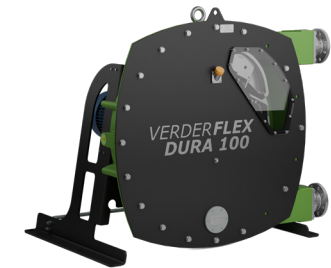
# VERDERFLEX

## Peristaltic pumps



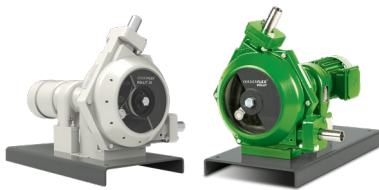
### VERDERFLEX VF (2 MODELS)

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 (i)DURA

Flow rate	55 m³/h
Max. operating pressure	16 bar
Max. suction height	9,5 m.w.c.
Max. temperature	100°C
Max. solid particles pumping	25 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
Max. suction height	8 m.w.c.
Max. temperature	85°C
Max. viscosity	100 mPas



### VERDERFLEX DS4F

Max. flow rate	5 - 4000 ml/min
Max. operating pressure	4 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	85°C
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



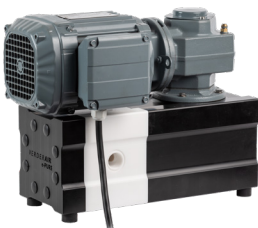
**VERDERAIR VA (AODD)**

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



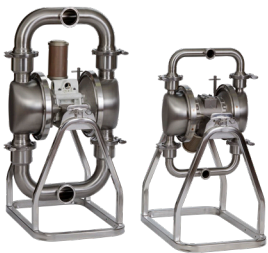
**VERDERAIR HC-PURE (AODD)**

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



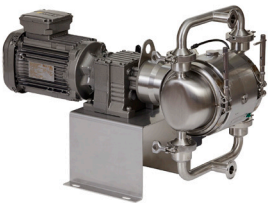
### VERDERAIR EODD 2ND GENERATION

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

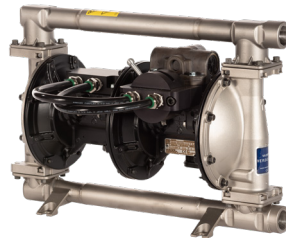
### VERDERAIR CONT-EX (AODD)

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



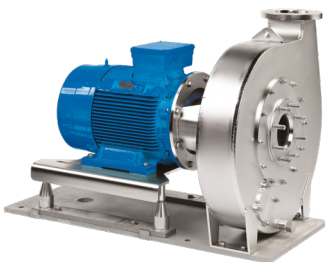
### PACKO HIGH SHEAR PUMPS

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



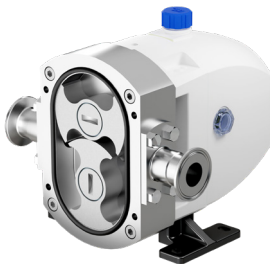
### SERIES 55 & ULTIMA

	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



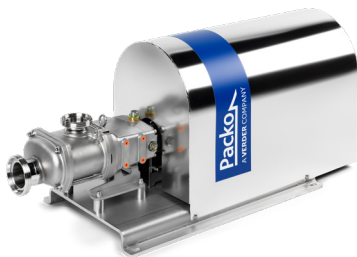
### LT SERIES ROTARY LOBE TRUCK PUMP

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



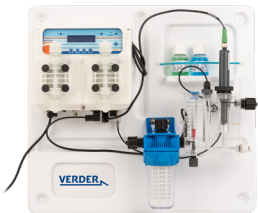
MICRODOS OEM	
Max. flow rate	30 l/h
Max. operating pressure	3 bar
Max. suction height	8 m.w.c.
Max. temperature	85°C
Tubes	Santoprene, Silicone, Tygon, Viton



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/CI, 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/CI, 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	



DOSMART BC		
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

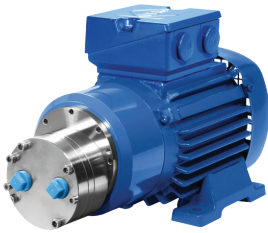


**VERDERMAG GLOBAL**

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

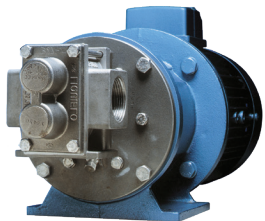
# VERDERGEAR

## Gear pumps



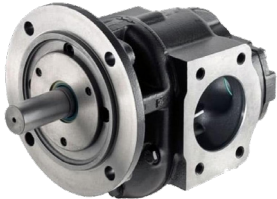
**VERDERGEAR SMALL**

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



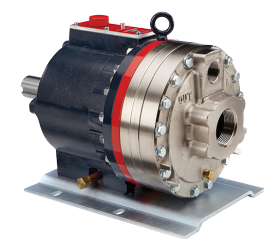
**VERDERGEAR ENVIROGEAR**

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



# VERDERBAR

Piston diaphragm pumps by Hydra-Cell



WANNER PRO G SERIES

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



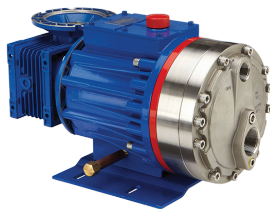
VERDERBAR T

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



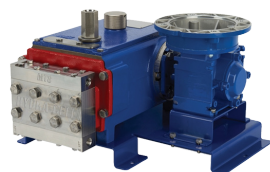
VERDERBAR Q

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



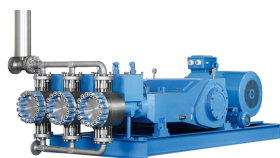
VERDERBAR CM

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



VERDERBAR HM

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



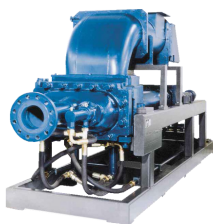
VERDERBAR HMT-HMQ

	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



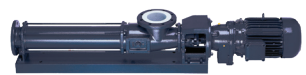
VERDERBAR SH

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

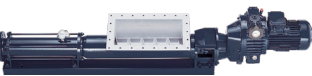


# VERDERPRO

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

# VERTICAL PUMPS



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



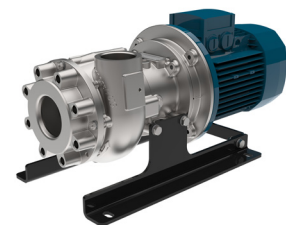
BABCO	
Max. flow rate	70 m³/h
Max. differential head	40 m.w.c.
Max. temperature	90°C
Max. solids	4 mm





# OTHER PRODUCTS

To complete your process



**VERDERHUS SCREW IMPELLER**

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**

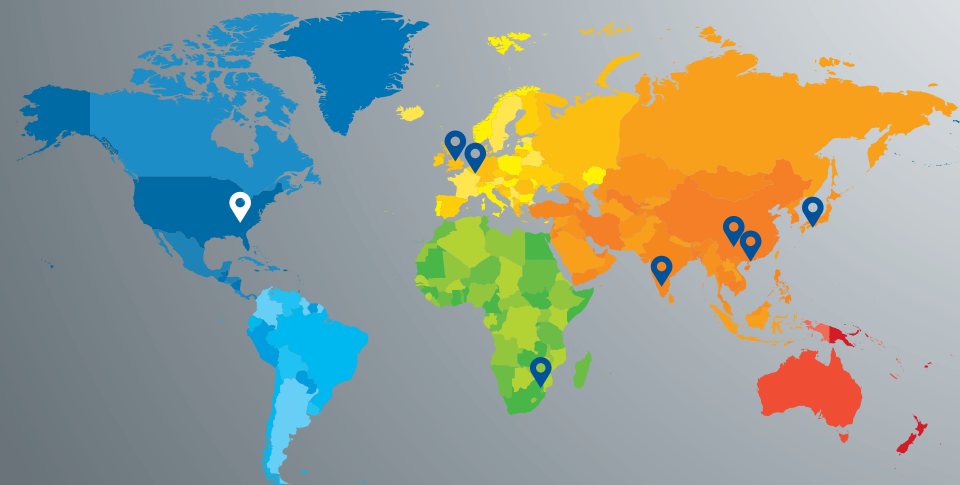
Max. flow rate	500 m³/h
Max. operating pressure	16 bar
Max. temperature	100°C
Max. viscosity	10.000 mPas



**VERDERMIX DYNAMIC**

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

# LOCAL PRESENCE



VERDER has 24 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.

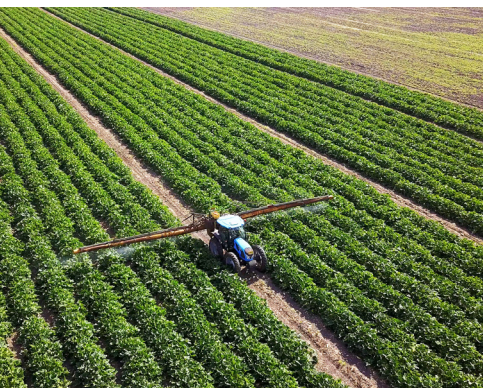
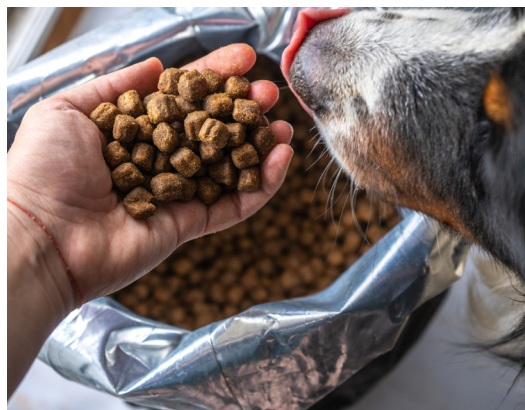
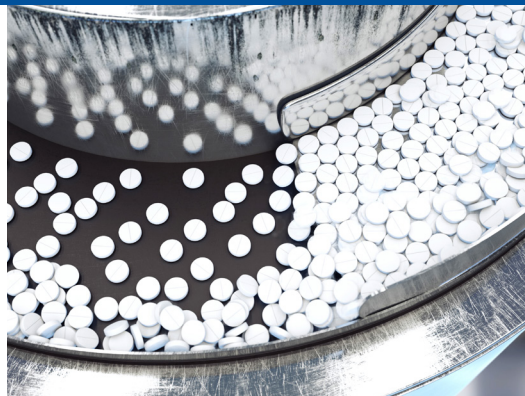
With 24 sales offices worldwide, 6 manufacturing plants and a very extensive centralized logistics center, VERDER strives to have a worldwide presence to be able to serve the customer base quickly, reliably and efficiently.

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**

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.