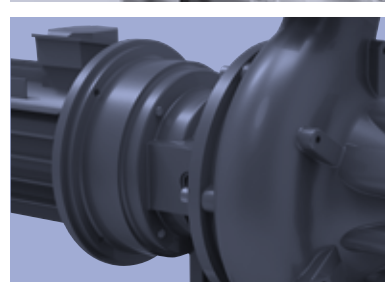
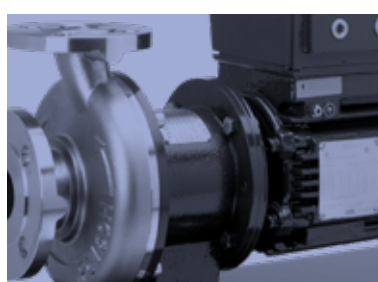
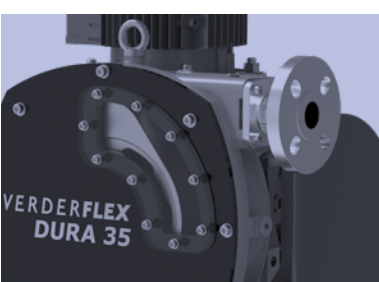
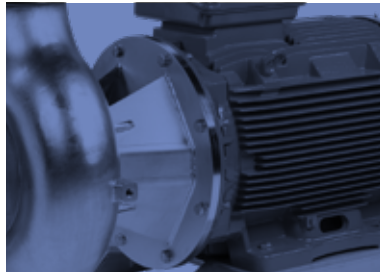


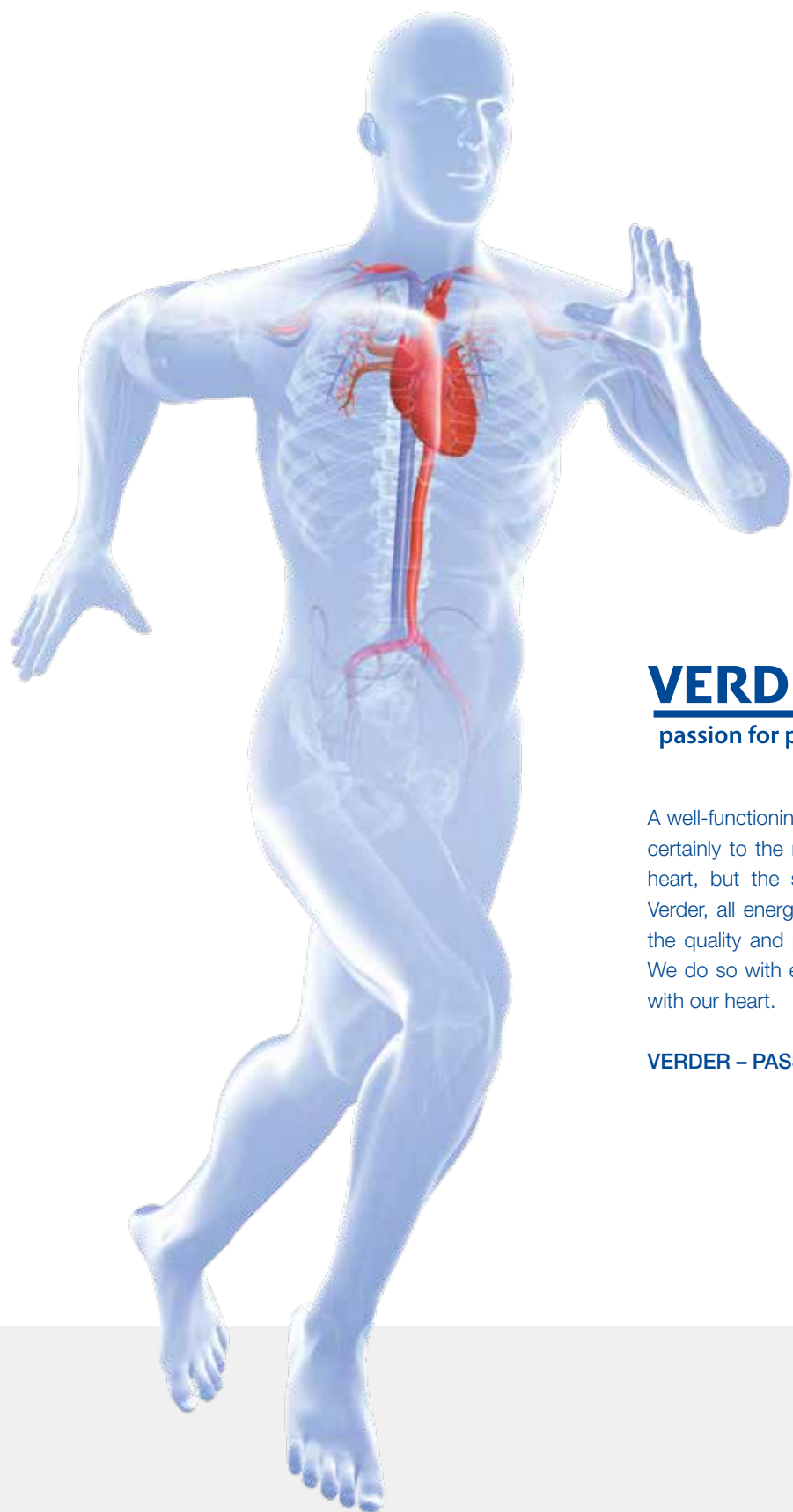
VERDER **EXPORT GROUP**



VERDER **PUMP PROGRAM**

Industrial Peristaltic Pumps | Double Diaphragm Pumps **Hygienic** Stainless Steel Centrifugal Pumps
Rotary Lobe, Piston and Twin-screw Pumps **Other** Mag Drive Pumps | Screw Centrifugal Pumps
Dosing Pumps | Static and Dynamic Mixers





VERDER 
passion for pumps

A well-functioning pump helps you succeed. That applies certainly to the most important pump in life, the human heart, but the same goes for pumps in business. At Verder, all energy and attention is focused on improving the quality and performance of our pumps and service. We do so with energy, dedication and most importantly, with our heart.

VERDER – PASSION FOR PUMPS



THE VERDER GROUP

- 1 Company
- 28 Countries
- 60 Years of expertise
- Global network
- Local distributors
- In-house service & maintenance
- A solution for every application

The Verder group is a family owned business formed 60 years ago in the Netherlands; the group consists of a worldwide network of production and distribution companies. Group companies are involved in the development and distribution of pumps, pumping systems, high-tech equipment for quality control, research and development into solid material (solids sample preparation and analytical technologies). The Verder Group employs over 1600 people and has an annual turnover in excess of 380 million Euros.

Verder Liquids

The Verder Liquids division comprises in-house produced Verder pumps, systems and services distributed worldwide by 24 local Verder offices and in other areas by independent 3rd party distribution partners. Manufacturing in-house allows the Verder Group to maintain the highest standards over the design, build and testing procedures, which reduces risk and costs to the customer.

Focus

Verder Liquids focuses on two specialised market segments: Industrial (peristaltic and double diaphragm pumps) and Hygienic pumps. Verder, being a full service pumping manufacturer and supplier, has an additional program of pump series to offer a complete range for all pumping applications.

Index



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Industrial pumps



8

Hygienic pumps

VERDERFLEX TUBE AND HOSE PUMPS

Verderflex peristaltic tube and hose pumps for applications in (waste) water treatment, mining, biopharma and more.



Verderflex VF & Dura industrial

Verderflex peristaltic tube and hose pumps have gained worldwide prominence, particularly in dosing applications. For abrasive, highly corrosive, viscous, high density and shear sensitive products in water and waste water, food & beverage, chemical, biofuel, bioenergy, print & packaging, mining and ceramics.



Verderflex Rapide compact

The Verderflex Rapide is an industrial range of tube pumps that provide a balanced selection of simple to operate peristaltic pumps. The family offers the customer pump choices that are compact and requires no tools during the tube change.



Verderflex Vantage 5000

The Verderflex Vantage 5000 is the next generation in cased drive tube pumps combining precision dosing and dispensing accuracy with high discharge pressures, an intuitive touch screen user interface and a USB data backup port. Remotely control signal options include 0-10V, 4 to 20mA & tachometer inputs & outputs with optional opto isolation and multiple volt free inputs & outputs. Also equipped with tube burst and open door detection sensors.



Verderflex Rollit lubricant free

The Verderflex Rollit is a series of lubricant free peristaltic roller hose pumps. They are easy to maintain and available in a standard (single) and twin-head version.



Verderflex OEM pump heads

The Verderflex OEM range of tube pumps is designed for panel mounting or incorporation into 3rd party machines that need an accurate, low maintenance dosing solution. Application areas: printing, packaging, chemical dosing, washing machines, vending machines, air conditioning units, water treatment systems.

VERDERAIR DOUBLE DIAPHRAGM PUMPS

Verderair double diaphragm pumps are problem solvers all over the industry! Compressed air or electrical driven: the most efficient diaphragm pumps!



Verderair VA double diaphragm pumps
Verderair diaphragm pumps are the best solution for applications that require more than just transporting liquids. Also very sticky and viscous liquids, or liquids containing solids can be handled without problems.



Verderair Pure solid machined pumps
A robust series of solid machined double diaphragm pumps, produced from one-piece solid and pure PE or PTFE (also conductive). The Verderair Pure is designed for heavy-duty operation, harsh liquids and severe process conditions, such as manufacturing of photo-voltaic solar panels. The series have fewer material stress points due to the solid block construction.



Verderair EODD electric driven double diaphragm pumps
The electric double diaphragm pump Verderair VA-E is characterized by its innovative air cushion design. Thanks to this, it can - like a traditional air operated diaphragm pump - also run against closed valves or clogged lines without being damaged. No additional security measures are needed.



INDUSTRIAL CENTRIFUGAL PUMPS

An extended line of both mag drive and sealed centrifugal pumps for heavy duty applications.



Verdermag GLOBAL metallic pumps

Verdermag Global is a range of metallic centrifugal magdrive pumps suitable for chemicals, acids, solvents, Atex environments, oils and salt water. Applications for our pumps include nanofiltration, fast-loop systems, chemical transfer, petrochemical plants, power stations, oil rigs, recirculation, pharmaceutical production and CIP lines all over the world. The magdrive principle means our pumps are 100% leak-free and provide total containment between the fluid and environment. Global is an excellent pump for all applications that do not need NORM certification. Also high pressure executions for reverse osmosis, fast loop oil or recirculation applications available.



Verderhus screw centrifugal pumps

Verderhus screw centrifugal pumps are suitable for the handling of flowable slurries, sludges and solid-laden media such as in wastewater treatment for thick sludge, sewage and the recirculation of lime chemical. Verderhus offers clog free operation, with reliability for your process. They are highly efficient and have a low energy consumption. The pumps have hardly any wear. Even with abrasive fluids these pumps have longest life time. The pumps are executed as block (close coupled) pumps. Available in SS316.



OTHER INDUSTRIAL PUMPS AND PRODUCTS

To complete your production line Verder offers additional industrial pumps and mixers.



Babco vertical sump pumps

The Babco vertical sump pump series for aggressive chemicals are ideal pumps for handling chemically contaminated fluids, alkalines or acids, with or without solids. Recommended applications include pickling baths, metal finishing industry, exhaust gas scrubbing and scrubber effluent treatment.



Verderdos VE solenoid metering pumps

Verderdos solenoid dosing pumps and systems are an exciting new addition to the Verder pump program. The Verderdos dosing range consists of electromagnetic solenoid powered diaphragm pumps and an extensive set of accessories. Verderdos are ideal pumps for precise dosing in many applications where accuracy is crucial. All products are certified and recommended applications include water treatment, chemical dosing, cleaning/hygiene, vending machines, bottle filling and other OEM applications.



Verdermix static and dynamic mixers

The Verdermix series static and dynamic mixers is a well-balanced program for almost all types of industry. With more than 30 years of experience we have a broad knowledge of fluids and gases in mixing processes.

PACKO HYGIENIC CENTRIFUGAL PUMPS

*For all demanding food applications in dairy, breweries, distilleries and other beverage production.
Also CIP return pumps available.*



Packo hygienic food centrifugal pumps

Packo stainless steel centrifugal pumps meet the high demands of EHEDG and 3A certification. For this reason, these pumps are used in almost all demanding foodstuff applications such as in dairy and beverage production as well as in breweries and distillers.

The perfect-to-clean pumps are ideal for use in filtration/pasteurization plants and in yeast production.



Packo hygienic pharma centrifugal pumpss

Before Packo pumps are electro-polished, all wetted parts of the Packo pharmaceutical pumps are polished by hand to a surface quality $Ra < 0.4 \mu m$. A CIP return pump is available for applications in the pharmaceutical industry. The pumps are suitable for SIP and available with various sealings. All pump materials are according to FDA and USP class 6. Packo pharmaceutical pumps are certified compliant with EHEDG and 3A, and designed in line with ASME BPE guidelines.



Packo basic hygienic centrifugal pumps

The stainless steel industrial pump series are highly efficient and have a low NPSH_r value. All industrial stainless steel pumps are robust and easy to maintain. They are characterized by their modular design with interchangeable standard components. Available as cantilever immersion pumps, vortex pumps and special pumps for water/air mixtures.

PACKO HYGIENIC ROTARY LOBE AND PISTON PUMPS

These pumps are equipped to perform for almost all hygienic pumping tasks and can be customized for an optimum performance to your process.



Packo hygienic rotary lobe pumps

Each serie of the Packo rotary lobe and circumferential piston pumps is, in its field, state-of-the-art. The pumps can be fitted with a variety of features and rotors to adapt to almost all hygienic pumping tasks. The pumps can be customized to function for an optimum function or performance to your process.



Packo hygienic circumferential piston pumps

The ZP series circumferential pumps are provided with a non-galling of Illium alloy to provide a better suction capability and efficiency with much tighter clearance. The stainless steel gear box made from precision casting (lost wax) offers paint free long last durability. There are variable seal options such as mechanical seals, lip seals, o-ring seals that allow the pump to be easily adapted to changing conditions of service. The ZP series have a front loading seal which provides faster maintenance, easier cleaning and less downtime.

PACKO HYGIENIC TWIN-SCREW AND SPECIALTY LOBE PUMPS

A combination of all advantages of rotary lobe pumps and add-ons to meet all hygienic applications.



Packo ZS twin-screw pump series

Combines all advantages of rotary lobe pumps and centrifugal pumps. This two-in-one operation pump series is excellent for pumping not only high-viscous liquids and pastes but also the thin-liquid cleaning fluids that are used for CIP cleaning. The pumps provide a pulsation free flow for gentle operation.



Packo ZW specialty pump series

The ZW series are the best choice for winemaking process. These are especially designed for red winemaking process in order to provide best quality wine and best efficiency.



Packo TP specialty pump series

These pumps are hailed as the best truck pump in the world. These pumps provide higher capacity, higher pressure, and highest efficiency on a large variety of viscosities enabling faster loading and unloading.



Packo ZL specialty pump series

This pump has been designed for cheese curd. For the special application to pump cheese curd shear sensitive, the ZL 500 series has been developed. This pump transfers cheese curd to be conveyed gently and slowly to produce a constant displaced volume. This will result in a better cheese quality by lowering the finest content and leading to a subsequent increase in productivity.



OTHER HYGIENIC PUMPS AND PRODUCTS

To complete your hygienic production line Verder offers additional pumps and mixers.



Verderflex hygienic peristaltic hose and tube pumps

Verderflex pumps are used for precise, gentle, aseptic transfer of shear sensitive cultures, nutrient dosing, inter-reactor transfer using USP VI rated tubing. For the food industry, FDA & EC/1935 hoses and tubes solve difficult tasks including pumping fragile fruit segments with minimal heat generation, metering flavours and feeding vacuum filtration systems with zero pulsation.

The Vantage 5000 combines precision dosing with advanced compliance assistance including time stamped record keeping, security from USB backed up settings, records and reassurance of real time feedback and control to master controllers and PLCs.



Verderair hygienic double diaphragm pumps

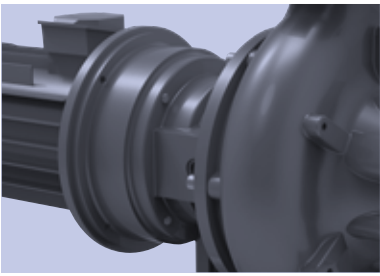
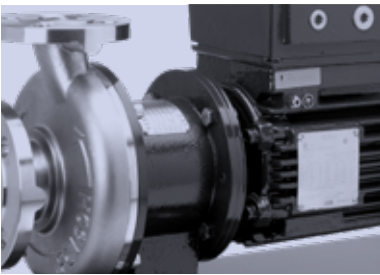
The Verderair HI-CLEAN is a series of hygienic and food grade air operated diaphragm and piston pumps. The HI-CLEAN pumps are designed for operation in hygienic and food processing applications, such as pumping dairy (cream, cream cheese and yoghurt) and basic ingredients for fruit syrups or concentrates for the manufacturing of fruit juices and personal care.

Also models suitable for CIP and SIP cleaning. The Verderair HI-CLEAN is also available in electric driven versions: the EODD series. Being the only EODD pump in the market this pump can run against a closed discharge without additional pressure relief valves. The pump can also run at low pulsation operation without the need for a pulsation dampener.



Verdermix static and dynamic mixers

The Verdermix series static and dynamic mixers is a well-balanced program for almost all types of industry. With more than 30 years of experience we have a broad knowledge of fluids and gases in mixing processes.



Any questions? Visit our website
www.verderliquids.com



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