

VERDER **CHEMICAL DOSING SOLUTIONS**



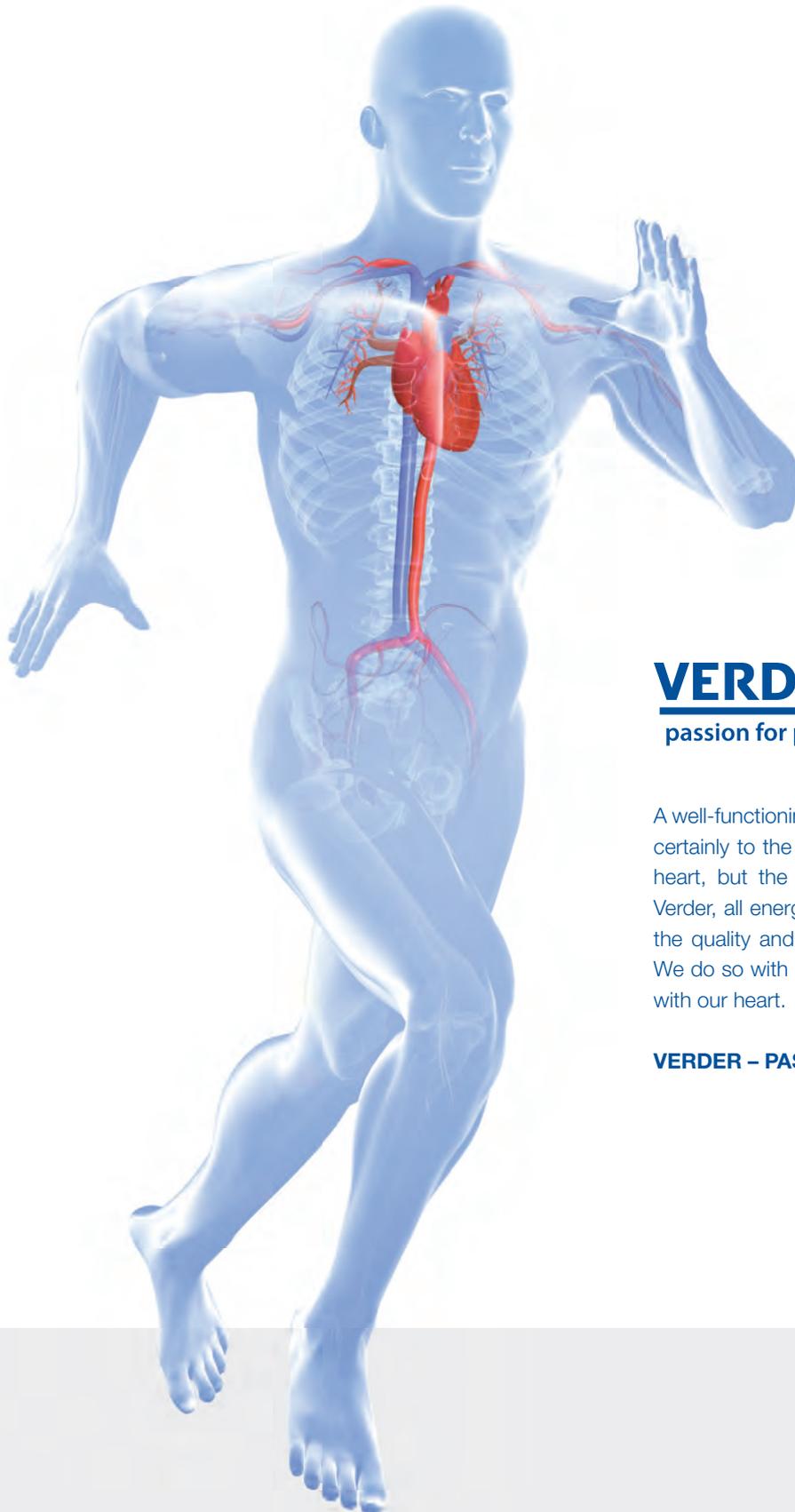
CHEMICAL DOSING SOLUTIONS

For effluent treatment and industrial applications

Verder dosing key features

- *Package plant installations for clean and waste water sites*
- *Effective handling of all chemicals*
- *Achilles registered & ISO 9001, 14001 and 18001 audited*

VERDER
passion for pumps



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 pump and service. We do so with energy, dedication and most importantly, with our heart.

VERDER – PASSION FOR PUMPS



OUR PROJECTS

Our package plants can be produced to a standard specification or from first principles where a new process is in place, the installation and operation can be created from first principles.

The Verder project team have supplied chemical dosing solutions for a variety of applications at sites around the UK. Each site is carefully assessed to provide the best solution for dosing performance and to be as cost effective as possible, utilising existing assets where there is still a useful working life.

Kiosk

GRP kiosks with optional integrated bund. A range of different security access options available as well as custom aesthetic vinyl depending on local planning permissions.

Dosing rig

Constructed in a chemical resistant cabinet complete with easy-access sliding panel doors. The dosing facility is available with a range of pumps best suited to different chemical types such as lime slurry, sodium hypochlorite and ferric chloride.

Our Projects (See inside fold)

The Verder project team has designed and built dosing solutions for most water companies in the UK. At the heart of the dosing solution is the Verderflex peristaltic pump, used for the dosing of abrasive lime chemical. In addition to this, Verder has created dosing rigs for ferric-based compounds, sodium hydroxide, hypochlorite and polymer chains and acids.





Chemical storage

A range of tank options are available such as being housed within the kiosk and provided with heating or as a standalone tank in a bunded area with no restriction on capacity. For lime handling, a solution of circulation and agitation provides a powerful mixing force for highly effective delivery.

Pipework and offloading

A full range of materials are available to provide maximum safety and transfer of chemicals. Available with dual containment and trace heating.

Control systems and communication

The Verder team works closely with leading control panel producers to ensure the software and operation of the dosing process is accurate, responsive and continuous. Remote communication can be configured voltage free, 4/20mA, Profibus, Wifi and Bluetooth.

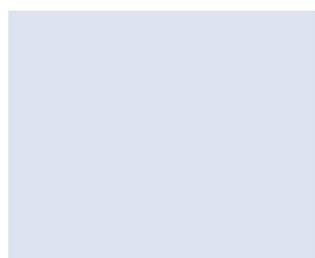
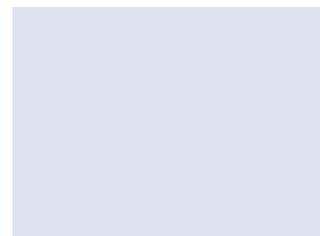
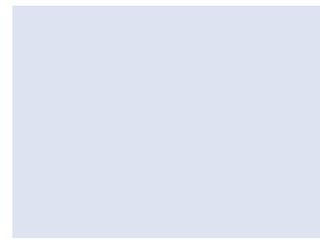
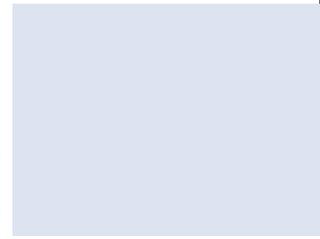
Peripherals & ancillaries

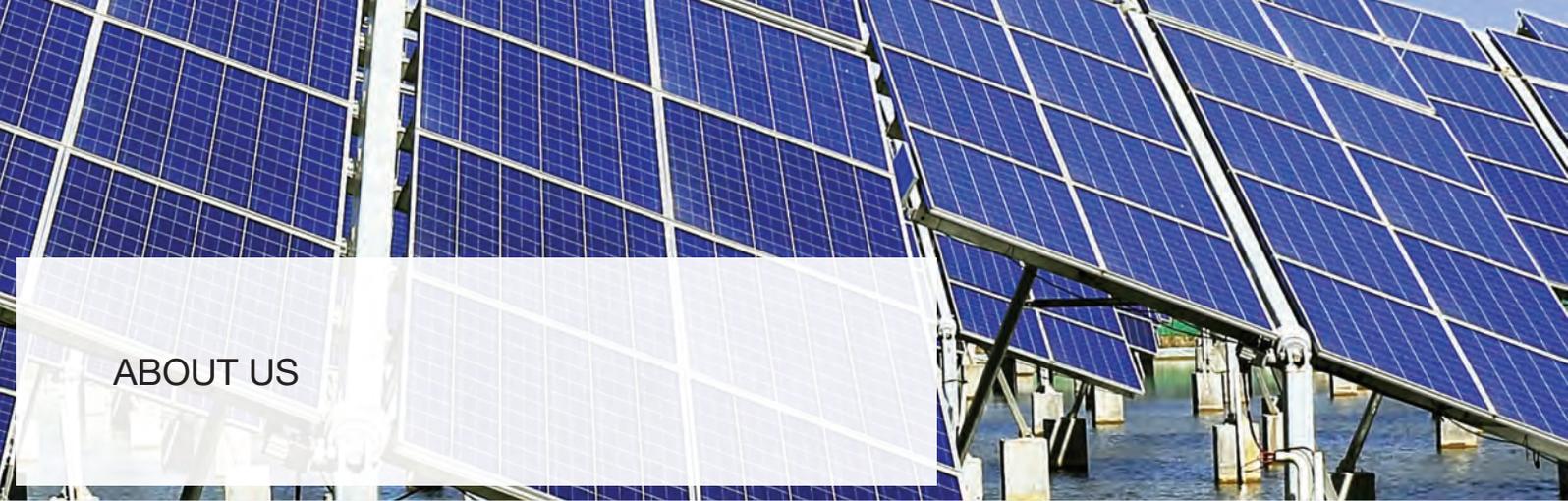
All peripheral facilities can be supplied including emergency showers, eye baths and water booster set and washdown facilities.

Applications

- *pH correction*
- *Phosphate/Phosphorus production*
- *BOD/COD removal*
- *Polymer & flocculants*
- *Redox*
- *Filtration*
- *Disinfection*
- *CIP*
- *Odour control*







ABOUT US

Why Verder?

- Knowledge and experience
- Utility, industrial and commercial
- Open-door approach
- Conventional and innovative concept design
- Value engineering
- Designed around optimising your process and budget
- Holistic system design
- We use our knowledge as both a manufacturer of pumps and systems
- End-to-end solution provider
- From the first consultation, to build and assembly, to spares and servicing

The Verder project team provide fluid handling systems to utility, industrial and commercial sites across the UK covering a wide range of applications such as sewage and clean water treatment, tank farms, anaerobic digestion and chemical production.

As a pump, system and mixer manufacturer, fluid handling technology is at the company's core. Through our inhouse engineering teams, we use the feedback from our customers and site technicians to constantly improve our pumping solutions. We believe this approach has delivered many of the successful projects our customers have benefited from.

Our customers come first in our design philosophy. The project team will always try to supply the most cost-effective system, reaching a balance between initial investment costs and the longer-term running costs. Where possible, assets and components that have a useful working life will be incorporated into the design to reduce costs.

We are an ISO organisation and are Achilles UVDB registered.



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