

# VERDER DOSING SOLUTIONS

Price List Winter 2018/Spring 2019







## OUR SERVICES

Verder UK provide pumping systems and services to water companies, principal contractors and direct to industry.

Verder Project team offer an end-to-end service

- Consultation on your dosing process
- Provide an off-the-shelf system with custom options
- Build and test your system
- Deliver to site and commission
- Contract maintenance & spares provision
- Provide full technical support

Our packaged systems are custom-built for your applications

- pH correction
- Phosphate/Phosphorus reduction
- BOD/COD Removal
- Polymer & Flocculants
- Redox
- Filtration
- Disinfection
- CIP
- Odour control
- Cleaning agents in food/pharma CIP
- Food flavourings and product additives
- Anti-foam
- Descaling additives



*Our systems can be used in combination with any standard IBC or portable tank (40m<sup>3</sup> pictured).*





## DOSING

0-10l/h

*All prices excluding VAT*

The mini dosing systems allow a quick plug and play solution for emergency, temporary or low flow dosing applications.

Fluids include anti-foam, ferric and ferrous chemicals, sodium hydroxide, sodium hypochlorite, hydrogen peroxide, acids and many other chemicals. The mini dosing systems are perfect for fixed speed dosing, batching, pH/redox controlled and variable speed dosing applications. Available with Profibus, WiFi and Bluetooth options.

### Standard features

- Polypropylene weatherproof and banded enclosure with Perspex door
- 110 volt plug and play setup with MCB protection
- Overpressure protection
- Leak detection
- Suction hose with low level protection
- Remote stop/start or 4-20ma control

### Verder Dosing 5 £2500

*Standard features as above*

- Suitable for 0-5 L/h @ 6 bar
- Built in pH/redox analyser.
- 30 metre pH probe

Dosing can be performed with or without the pH probe supplied as standard and can be operated in manual, variable (4-20 ma) or pH/redox mode.



### Verder Dosing 10 £3325

*Standard features as above*

- Suitable for 0-10 L/h @ 6 bar
- Digital dosing pump allowing for manual, batch, variable (4-20 ma) and remote stop/start dosing

### Verder Dosing 10 PH £3825

*AS Verder Dosing 10*

- PH/redox analyser
- 30 metre pH probe



## DOSING

0-300l/h

A complete packaged system for use with IBC and mobile tankers. The IBC mini systems allow for quick plug and play solutions for the dosing of more viscous and abrasive chemicals / media such as Kalic (lime).

### Standard features

- Polypropylene weatherproof and banded enclosure
- 110 volt or 415/350 versions available
- Dura 10 (capable of 0-97 L/h) or Dura 15 (capable of 0-300 L/h) pumps available.
- Built in pH / redox analyser.
- 30 metre pH probe
- Dosing can be performed with or without the pH probe supplied as standard and can be operated in manual, variable (4-20 ma) or pH/redox mode.
- Built-in IBC mixer controls

**Dura 10 IBC dosing system £5400**

**Dura 15 IBC dosing system £6000**

**Optional IBC mixer £2300**

A dynamic mixer featuring blades which allow easy IBC changeover. The mixer is mounted on a frame suitable for any standard IBC and forklift.





## OPTIONS & Accessories

### An IBC bund area £1200

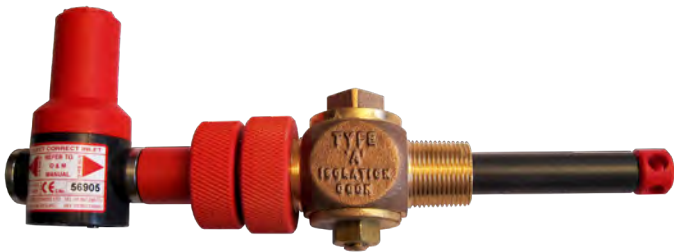
Can be supplied to house IBCs of chemical and the Verder dosing mini systems and the Verder Dura IBC dosing systems. With rain canopy.

### Dual containment hose (19mm ID) £38/m

### Termination fitting £72

### Injection lance £800

### Sparge pipe £800



An injection lance or sparge pipe can be supplied to suit the dual containment termination fitting allowing for dosing into a process pipe or point of application. Lance available in various materials to suit the chemical being dosed.

### Trace heating

110 volt trace heating control box and self-regulating trace heating cable can be supplied and powered from the Verder dosing systems. Verder can also recommend local lagging and insulation suppliers.

### Trace heating control box £140

### Trace heating cable £10/m

### Weatherproof housing £6000

Standard features

- A local distribution board
- Lighting and heating
- IBC bund area
- Personnel access door

Other options such as power, control and emergency medical facilities can be fitted. Verder can supply the unit in line with OEM and water company specifications.







## PACKAGE PLANT SYSTEMS

In addition to low flow and mobile applications, we are also able to design, build, install and commission full packaged plant systems featuring GRP Kiosk with custom finishing options, chemical storage, loading ports, dosing facility, peripheral installations such as emergency shower/eye baths and booster sets and pipework & gantry access.

Verder have created packaged kiosks for UK Water Companies, most notable the recent pilot study for United Utilities, in which 5 sites were refurbished and made compliant to the new P level standards for the AMP7 period where 0.5mg/l was required.

Each site had very varied use including seasonal fluctuations due to tourism, urban and rural populations. Verder helped develop the dosing protocols and made use of existing assets where they had a useful working life. This allowed all 5 sites to be compliant at a budget which suited United Utilities.



*Any questions? You may still have questions and/or comments after reading this brochure. Contact our Project Team for a quick question, more information about possible specifications or a bespoke quote on your dosing process,*

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