



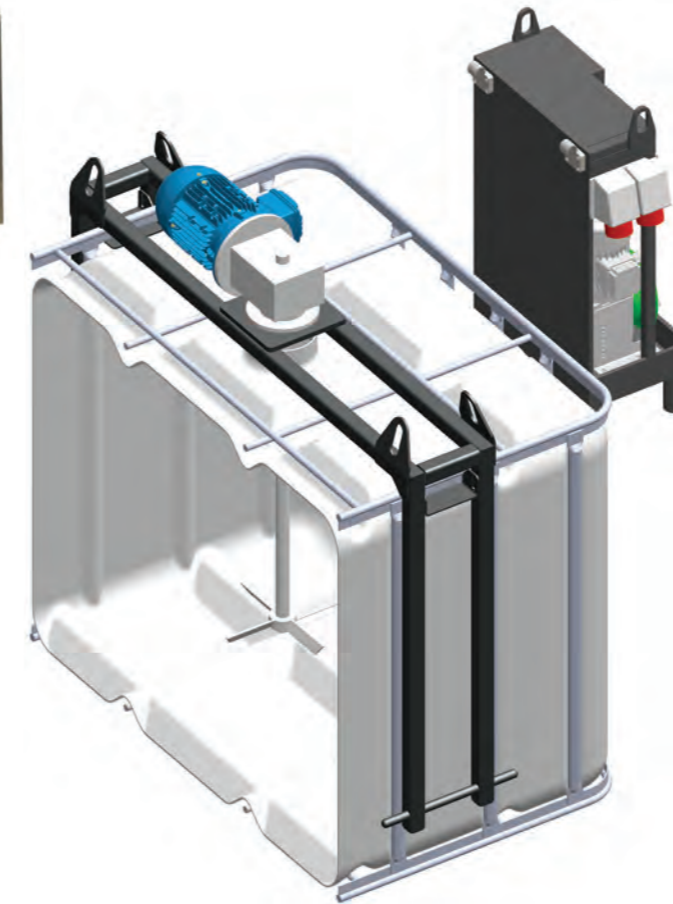
Dosing Unit	
Flow	Less than 1Lph to 500Lph
Head	Up to 6 bar
Suction	Self-priming from IBC
Pump hose diameter	10 - 25mm
S.G.	1,2
Fluid temperature	5°C - 70°C
Operating temperature	-5°C to 35°C
Viscosity	Up to 2000cps
Weight	42 - 45 kg
Dimensions (HxWxD)	1070 x 630 x 350 mm
Electrical Specification	
Unit	400V 50 cycle 3 phase input TEFC
Ports	2 Standard 3 phase sockets (Power in/Power out)
pH Meter	pH meter and probe with 4:20mA output to inverter
Inverter	With set point control (PID)
Motor	0.18kW
Protection	IP55
Mixer Specification	
Model	Verdermix VWM Dynamic Mixer in 2 part epoxy paint finish
Power	1.1 kW
Shaft	Stainless steel 316
Blades	3 x 400mm folding paddle blades. Stainless steel. Operating at 160rpm (3.3m/s)

System options

The dosing units can be scaled from 1Lph< to 130Lph. In addition to the pH meter control, optional extras include the unit being operated with a flow meter, pulsation dampener or batch counter.



◀ Verdermix Dynamic Mixer with 400mm paddle with self-folding blades with IBC mounting frame.



The mounting fits to industry standard IBCs. The Verdermix Dynamic Mixer provides an even flow throughout the IBC to ensure there is minimal sedimentation with no deadspots at the edge of the tank. The dosing unit can be attached via the hooks to the side of the vessel. ▶

Package Dosing System



Key features:

- Dosing system and mixer unit
- Compact and lightweight
- Excellent for small scale dosing
- Rapid deployment
- Exceptional for lime handling and many other chemicals, polymers and flocculants



We put
our heart
into pumps



Package Dosing System from Verder

A complete, compact dosing system that may be stand-alone or mounted to an IBC.

A Verder Package Dosing System is for use in small-scale, emergency, trial and temporary dosing requirements in conjunction with an IBC. The system can be scaled up for larger applications and supplied free-standing for use with larger storage vessels.

The system is ideal for handling many types of solutions used in chemical dosing such as Lime, Ferric-based solutions, Aluminium Sulphate, Polymers and Flocculants.

Verder has provided dosing solutions for many industrial and water companies and has expertise in advising on the best solution for your process with a speciality in Lime handling.

The units contain Verder manufactured pumps and mixers as well as high quality components chosen in partnership with the leading suppliers of electronic and control equipment.

Freestanding PE UV resistant frame with bund/spill catch base
- Robust frame construction that is resistant to chemicals and the external environment

Power In/Power Out (Std 3 Phase Socket)

Verderflex Dura 10 peristaltic pump
- A pump highly suited to dosing abrasive chemical solutions with a low-shear, consistent delivery



Stainless Steel Mounting Brackets (ø20mm)
- The unit can be mounted to the side of an IBC making installation quick and simple

Electrical Distribution Unit
- IP55 rated for external use

pH Control and Inverter
- Excellent for pH correction and automated dosing

PN16 Stainless Steel Flanges (PP option)
- Durable and resistant to chemicals. Allows easy access for hose changes.

Applications:

- Industrial premises producing effluent and wastewater streams
- Temporary or emergency dosing solution for clean and waste water treatment works
- Trial systems to be upscaled
- Lime handling and dosing
- pH correction
- Flocculant dosing
- Odour control