

## PRODUCT RANGE

# Temporary Dosing Rig Rental



**The EPS range of chemical dosing solutions includes a compact temporary dosing package providing a low cost & quick to source site installation.**

These rental solutions allow continuity of service if there are breakdowns of existing equipment on site. Alternatively they can be used to avoid process interruption during maintenance operations.

The flexibility of rental use can reduce costs of trials or give process flexibility when needed in the short term. This can give further advantages where a temporary, economical solution is required to meet commitment dates at short notice, ahead of a permanent solution being installed.

## Key Benefits



Plug and play solutions for fast effective implementation



Small footprint minimises space and civils requirements



All-weather outdoor solution



Secure storage with integral bunding



Clear information, monitoring tank levels, dosing rate and alarms

## Tanker Fill Point

Stainless steel fill point enclosure, located adjacent to the storage tank, incorporating a non-return valve, isolation valve, drain point and appropriate tanker connection.

## Bulk Storage Tank

- › Polyethylene bulk storage tank with integral bund
- › Level transducer (by IFM) installed in the tank for level measurement

## Chemical Dosing

- › Dosing pumps and ancillary equipment are mounted with the lockable bund top cover
- › Tray mounted pumps facilitate easy access for maintenance
- › Perspex screen provides secondary splash protection
- › Dosing pumps can be supplied according to client preference:
  - Standard pump is Watson Marlow QDos 30 with a max working pressure of 4 Bar
- › Pumps typically duty only with boxed-spare option:
  - Duty/Standby can be provided in the 5m<sup>3</sup> version if required

## Control Unit

- › IP65 rated control unit with PLC, mounted externally, providing information on tank level, current dose rate and alarms
- › Various modes of control available include:
  - Fixed dose rate
  - Timer control
  - Automatic frequency control proportional to 4-20mA direct input signal for forward feed control or diurnal control
- › Panel to provide following visual and audible level indication for each tank:
  - LED display for tank level
  - Tank low-high level lamps
  - Alarm mute and test buttons
  - Visual and audible alarm indication of tank high-high level by flashing beacon

## About EPS Group

With over 30 years track record in the delivery of chemical dosing solutions across Ireland and the UK, EPS offer unparalleled experience and expertise to our dosing customers in the water and wastewater sector. As operators of over 200 municipal and industrial treatment plants, we design our dosing systems with the safety and operational convenience of the operator in mind.

Founded in 1968, EPS has grown from a modest electrical and pumping services business into an innovative, product and service provider, now focused upon the water, wastewater and clean technology sectors.

Our offering for chemical dosing goes beyond the design manufacture and installation of products. We adopt a lifecycle approach to our systems and look to innovate solutions to optimise the cost and effectiveness of our equipment.



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