

Making Water Work ► Better!



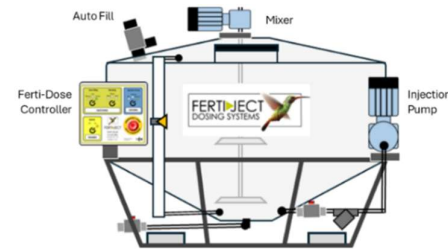
*"Applying fertilizer directly to plants  
via your irrigation system, delivers  
better results at lower costs."*

# Quality Fertigation Equipment

## Complete Fertigation Systems.

Our systems include blending tank, auto fill system, in-tank mixer, metered dosing pump all controlled by the Ferti-Dose Controller or connected to the irriGATEway scheduling system.

*"From simple one tank fertigation to multi-channel injection systems controlled on the cloud, there's a Ferti-Ject Dosing System built for your application."*



## Tanks, Mixers and Pumps.

### Blending Tanks

- Cone bottom, full draining design.
- Calibrated for accurate filling.
- Translucent, food grade material.
- Easy access filler with breathable lid or open top.



### Cone bottom tank options

Capacity (ltr)	500	1000	1200	1500	1500	2400
Diameter mm)	1200	1500	1200	1500	1800	1800

\*\*other tank combinations available on request\*\*

### In Tank Mixers

- Single or three phase motor options.
- Slow speed 10:1 reduction gearbox, other speeds are available on request.
- Durable stainless-steel shaft and Hydrofoil, suitable for most fertiliser types.
- Dual action Hydrofoil ensures complete dissolution of product being mixed.



### Metered Dosing Pump

- Heavy Duty Construction
- Accurately injects fertiliser into irrigation lines.
- Simple calibration of dosing rate.
- Single or three phase motor options.
- Diaphragm type pump will pump most products.
- Optional Ferti-Drive speed controller for proportional dosing systems.



### Dosing Pump Options

Dosing Rate (lph)	30	50	100	200	300	400	600	900	1200
Dosing Press. (Bar)	10	10	7	9	6	9	7	6	5

\*\*Other pump combinations available on request\*\*

## Automation.

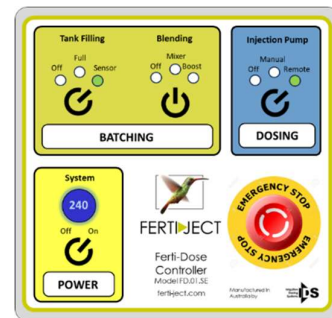
### Ferti-Drive Pump Controller

- Variable frequency drive.
- Changes stroke rate of pump (strokes per minute)
- Automatically changes dosing rate.
- Proportional dosing.
- Remote Start.
- Multiple set points.



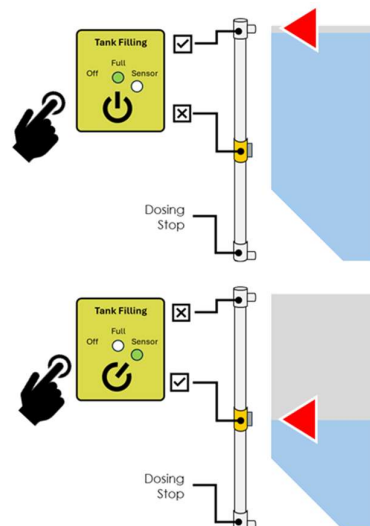
### Ferti-Dose Controller

- Batching Control System.
- Simple to understand, easy to use.
- Accurately batch and dose fertiliser, chemical and other products.
- Fill blending tank with measured volume of water.
- Blend products and keep in suspension.
- Activate dosing pump locally or from remote signal.
- Use as a standalone unit or integrate with external control systems.



### Auto Fill System

- Allows the operator to fill or batch accurate volume of water into the blending tank.
- Choose “Full” to completely fill the tank, auto fill system stops at top fixed level sensor.
- Choose “Sensor” to accurately fill the selected volume in the blending tank.
  - Slide sensor to required fill level.
  - Matches to the calibrated volume markings on tank.
  - Auto fill system stops at movable level sensor.
- Dosing stop sensor will stop the dosing pump and mixer at bottom fixed level sensor.



### Irrigation Scheduling Tool

- Connect to irriGATEway to schedule irrigation, manage pumps and read sensors.
- Cloud based software designed for integrated fertigation systems.
- Visit [irrigateway.au](http://irrigateway.au) for more information.



## Fertigation accessories.

### Injection quill.

- Ensures that injected product is evenly distributed into water flow.
- Prevents back flow from irrigation line.
- Mounts to line with saddle or tee,



### Injection filters.

- Protects your irrigation network from clogging.
- Pressure gauge alerts to blockage.
- Simple to flush and clean.
- Available in a range of flows and pipe sizes.



### Bulk fertilizer hopper.

- Easy unload of bulker bags.
- Easy to fill product to blending tank.
- 1000kg capacity.
- Forklift pockets for ease of use.
- Side outlet.



### Bulk scales.

- Accurately measure product ready for blending.
- Floor mount with remote display.
- Pallet sized.
- Easy to relocate.



### Talk to us.

Ferti-Ject service and support the solutions we sell, with a range of spare parts and other equipment available from selected agents.

Available from



### Ferti-Ject Dosing Systems

Assembled in Western Australia

☎ 0459 478 886

✉ sales@ferti-ject.com

💻 ferti-ject.com