

# i-Riser™

IRRIGATION RISERS

i-Riser™ i-Driver  
**PLUS** I-RISER ACTUATION SYSTEM

## Innovative Reliable Risers

### Features of the i-Riser

- Easy to open and close via crank handle, battery drill or i-Driver.
- Standard unit fits both ø355mm and ø315mm pipe, larger units available upon request including 450mm and the 'Hi-Riser' for in-channel outlets.
- Zero leakage for the life of the riser.
- Tested to 20m head pressure.
- The hydrodynamic seal allows the riser to be operated with very low force.
- Marine grade aluminium construction.
- Installation is quick and simple, resulting in time and money saved during your on-farm installation.
- Low torque operation. No straining to break the seal when opening, or to make the seal when closing.
- Fully enclosed unit means there is no extra infrastructure required on-farm.
- The design creates a rear shroud minimising backwash and protecting the operator from getting wet when operating manually.
- Livestock friendly, reducing the possibilities of damage to all components of the i-Riser.
- Non-rising spindle (spindle does not protrude from the top of the i-Riser when open). NEW low maintenance spindle nut.

i-Riser PLUS models available to mitigate air pressure and vacuum issues in pipelines.

Units can easily be upgraded to automated operation with the addition of an i-Driver.

### Features of the i-Riser PLUS

Mitigate potential pipeline failure and increase pumping efficiency.

- Internal Vacuum Relief System
- Internal Air Release Valve
- Fully integrated structure for maximum effectiveness and mechanical protection
- Easily retrofitted to any new or existing Pipe and Riser Systems

“The main benefits that justify the investment are time management, reliability and water savings” **Gary Wight, Cohuna**

# i-Driver

i-RISER ACTUATION SYSTEM

i-Riser™ i-Riser™  
IRRIGATION RISERS **PLUS**

An i-Driver (roving/portable head unit) can be placed on top of a manual i-Riser to automate it. The head unit may be relocated to other i-Risers as required, or mounted permanently, facilitating full irrigation automation scheduling through Observant Global™.

The AWMA i-Driver incorporates a specialised geared motor drive, fully integrated into AWMA's low profile automation housing with an Observant Controller, solar power, battery and communications.

The i-Driver provides a very economical and accessible conversion from manual to automated irrigation.

## Features

- Operate manual i-Risers via crank handle, with the i-Driver or both.
- Composite material, low profile, weatherproof enclosure.
- Powerful, high quality, USA built, parallel shaft DC gear motor with high starting torque.
- Integrated low profile electrics and solar.
- Extremely quiet and reliable.
- All electrical equipment (communications, solar panel and aerial) have been neatly built into the i-Riser head unit to reduce livestock damage and give a more streamlined appearance on-farm.
- This unit has push button control for local/manual operation if required.
- Fully automated unit using Observant Global™ web based software. Your farm layout is interfaced onto a google map image. The simple 'drag and drop' set up allows easy management of irrigation schedules from your smart phone, tablet or computer anywhere you can get internet connection.

