



**RAINER**

Product Catalogue



[rainer.co.nz](http://rainer.co.nz)



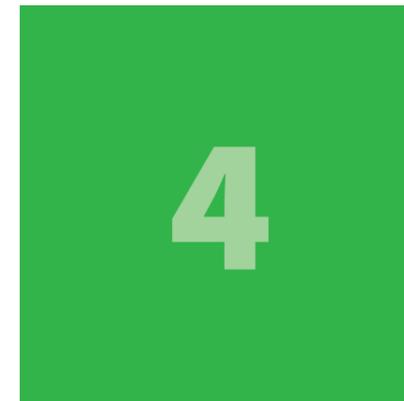
## The Future of Farming

We're a family owned business based in Ashburton, established in 1989. For generations we've been heavily involved in the South Island farming scene.

With four generations in the company, and farmers in our own right, we have a unique understanding of the challenges facing the farming sector and the vital solutions to these challenges. To support our huge range and depth of stock, we have the committed focus and experience from all of our staff. Our team of specialists extends to include designers and an electrical division, ensuring we cover projects from end-to-end. This means that you will be interacting with a singular expert team throughout the duration of your project.

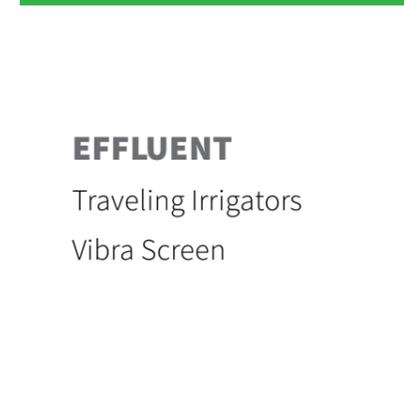
Currently around 80 strong, many of us have been involved in the industry for decades. With this skill and understanding comes a level of support from start to finish that simply can't be beat. Developing capable irrigation systems can be an involved process. There's consent, coverage area, pump size and terrain type amongst the major issues; as well as multiple other variables to consider. We approach every job with a view to try to create greater efficiencies for our client. This means staying at the forefront of technology and carefully evaluating the unique short and long-term needs of each and every farm.

With our size comes exceptional capability. But, of course, the family is still at the heart of the business. And at the family's heart is a long-held passion for irrigation technology. This passion will undoubtedly run the company's ongoing commitment to a future of innovative, cost-effective and environmentally sound water management.



### IRRIGATORS/ PRODUCTS

- Zimmatic Irrigators
- Zimmatic Genuine Parts
- Trailco Products
- Netafim



### EFFLUENT

- Traveling Irrigators
- Vibra Screen



### ACCESSORIES

- Angus Layflat Hose
- Hose Fittings



### SERVICES

- Irrigation Design
- Parts and Service



## 9500P CENTER PIVOT



High quality design for highly efficient irrigation

The 9500P center pivot is the most durable, rugged and time-honoured member of the Zimmatic pivot family. Ideally suited for the roughest terrain, the longest systems and applications that require the most robust pivot point and pipeline structure.

- 11-gauge pipeline is more than 10 percent thicker than the competition's best offering, providing strength and maintaining integrity
- Standard, medium, high- and ultra-high clearance options to fit a variety of crops

## 7500P CENTER PIVOT

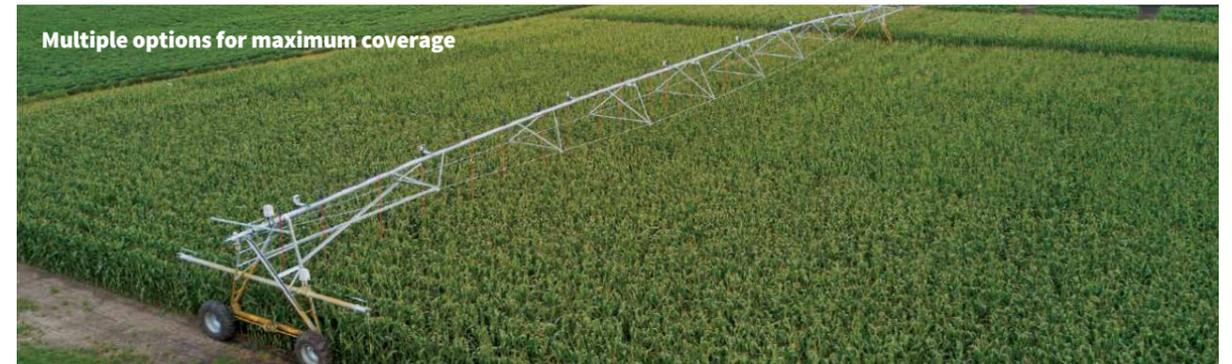


Strength you can rely on - sized for small-field needs

The 7500P is an option for growers to cost-effectively irrigate smaller fields up to 24 hectares (60 ac). With its smaller diameter pipeline of 114 mm (4.5 in) and 3.21 m (10.5 ft) crop clearance, the 7500P provides the height needed to irrigate taller crops, as well as the strength you've come to expect from Zimmatic.

- Full-clearance tower height
- 127 mm (5") pivot point
- Provides four full-length legs strengthened by numerous cross ties to provide a stable base with consistent crop clearance as the machine transitions from the pivot point to the first span

## 9500L LATERAL MOVE



Multiple options for maximum coverage

For square or rectangular fields, a standard lateral move irrigation system can bring up to 98% more of your field into full production. Each system can be customized based on water supply and guidance options.

### HOSE-FED

- Supplied through a large-diameter hose attached to a pressurized main line
- Pivot and/or towing options for use on adjacent fields
- Uses two-wheel or four-wheel cart with 102, 153, 203mm hose (4, 6, 8 in)

## ZIMMATIC PRECISION VRI™



### Individual sprinkler control for more performance out of your fields

Zimmatic Precision VRI allows you to apply exactly the right amount of water and chemicals to specific areas of your field - giving you full control to maximize yields and profitability.

- Easy-to-use touchscreen
- Compatible with most pivot/lateral brands
- 100% remote management available with FieldNET



“We’ll help you make the right choice.”

## DRIVELINE

Field-proven for more than 30 years, our products continue to outperform the competition.

### COUPLER KITS

|                                   |         |
|-----------------------------------|---------|
| COUPLER, KIT, 3/4"X3/4", ALU      | 1176692 |
| COUPLER, KIT, 7/8"DRIVESHAFT, ALU | 1004357 |



COUPLER KIT

### CENTER DRIVE

|                               |        |
|-------------------------------|--------|
| MOTOR ASSY, LCD, 3/4HP, 43RPM | 341842 |
| MOTOR ASSY, LCD, 3/4HP, 30RPM | 349845 |



CENTER DRIVE

### GEARBOXES

|                                 |         |
|---------------------------------|---------|
| GEARBOX, 2-1/4", TOWABLE        | 1452300 |
| GEARBOX, NON-TOW, DUAL IN, 52-1 | 647131  |



GEARBOXES

## STRUCTURE

### BOOT

|                          |         |
|--------------------------|---------|
| HOSE, 4"X5-1/2" HVY WALL | 1201930 |
|--------------------------|---------|



BOOT

### SPLIT COUPLERS

|                                     |        |
|-------------------------------------|--------|
| GASKET, BOOT, ZIMM, 5-9/16"X5.63"LG | 632570 |
| GASKET, BOOT, ZIMM, 6-5/8"X7.12"LG  | 644906 |
| COUPLER, HALF, 5-9/16"X6"LG         | 632562 |
| COUPLER, HALF, 6-5/8"X7-1/2"LG      | 644914 |



SPLIT COUPLERS

## SPRINKLERS, ENDGUNS & BOOSTER PUMPS

### SPRINKLERS

|                                 |         |
|---------------------------------|---------|
| NELSON R3030, ROTATOR           | 0185910 |
| NELSON O3030, ORBITOR, W/WEIGHT | 0185830 |



ROTATOR



ORBITOR

### PRESSURE REGULATORS

|                             |         |
|-----------------------------|---------|
| REGULATOR, NELSON, UNI FLOW | 0175010 |
|-----------------------------|---------|



PRESSURE REGULATORS

### ENDGUNS & BOOSTER PUMPS

|                                 |         |
|---------------------------------|---------|
| END GUN, NEL, SR75, 18DX2"FNPT  | 1181544 |
| END GUN, NELSON SR100, 18D, 2"F | 8852659 |
| BOOSTER, PUMP, 130GPM           | 1824702 |



END GUN - NELSON SR75



END GUN - NELSON SR100



BOOSTER PUMP

## WHEEL SETS

### LINDAY BIAS PLY TYRES

The cost-effective choice for traditional bias ply tyres.

- Available in popular sizes
- Field tested and proven
- Meets Lindsay's rigorous quality standards
- 8-year pro-rated warranty

### WHEEL SETS

|                                    |        |
|------------------------------------|--------|
| WHEEL SET, 11.2X24, NEW, WO/T      | 116905 |
| WHEEL SET, 14.9 X24, WO/T, 12"R    | 112383 |
| WHEEL SET, TURF, 14.9X24, W/T, 12" | 128702 |



Full range of parts available on request.



# Irrigation Products

We are the importer and distributor of Australian-made Trailco irrigators and parts. Active in travelling irrigator manufacture since 1969, Trailco's extensive range of high quality products covers any application, from high producing farms to sports fields to your backyard. Trailco irrigators are available to handle flows from 1 to 40 litres per second.

### KEY BENEFITS:

- ▶ Excellent versatility
- ▶ Operates well in irregular shaped fields and extremely undulating terrain
- ▶ Minimal labour/easy one-person operation
- ▶ Easily portable for irrigating widely scattered areas
- ▶ Even water distribution
- ▶ Works around obstacles
- ▶ Long life
- ▶ Simple maintenance
- ▶ Designed and manufactured in Australia



### Trailco Models:

#### TRAILCO T-50

37.T050

#### TRAILCO T-100

37.T100

#### TRAILCO T-150

37.T150

#### TRAILCO T-200

37.T200

#### TRAILCO T-250

37.T250

#### TRAILCO T-300

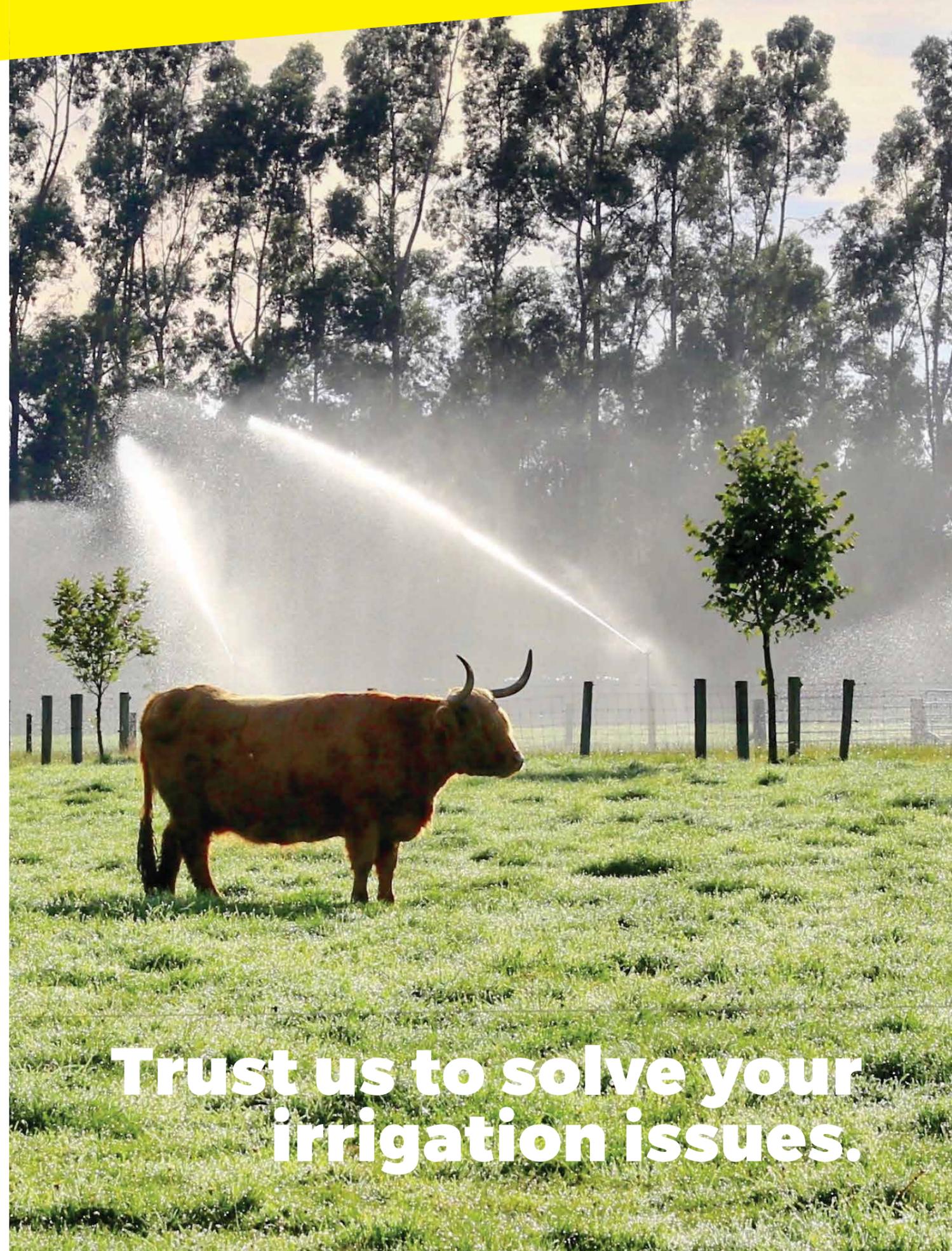
37.T300

#### TRAILCO T-300 TURBO GUN

37.TU300

#### TRAILCO T400 TURBO GUN

37.TU400



# Trust us to solve your irrigation issues.

## Precision irrigation solutions for open field crops.

### SuperNet™

Achieve optimal irrigation results in areas with varied topography. Thanks to its unique flow regulation mechanism, SuperNet™ micro-sprinklers ensure uniform water and nutrient distribution around every tree - no matter the inlet pressure.

### FLEXIBLE AND PE PIPES

Get easier-to-use pipes that last longer.

### Uniram™

For growers seeking absolute crop uniformity, even in the most challenging topographies and water conditions, UniRam™ delivers season after season: guaranteed. The world's most advanced pressure compensated dripperlines let you handle extreme irrigation conditions with total confidence.

### SPRINKLERS AND MICRO-SPRINKLERS

Maintain a uniform water distribution across your crops.



### FILTERS

Protect your irrigation system from contaminants and keep it running smoothly.

### AlphaDisc™ Disc Filter Lean & Mean Filtration Machine

AlphaDisc™ gives you ultimate irrigation system protection thanks to a combination of precise depth filtration, high dirt-holding capacity, and a unique easy-to-scale modular design that adapts with your changing flow rate or water quality needs. AlphaDisc™ also features a smart controller providing performance data at your fingertips.

AlphaDisc™ prevents clogging and partial clogging to ensure system longevity and uniformly irrigated crops, so you can enjoy better ROI, cost-saving, and peace of mind.

### VALVES

Control your water flow and protect your irrigation system.

### CONNECTORS

Get durable and high quality connectors that integrate seamlessly with your system

### DRIPPERS AND DRIPPERLINES

Send the right amount of water and nutrients to every plant whenever it needs it.

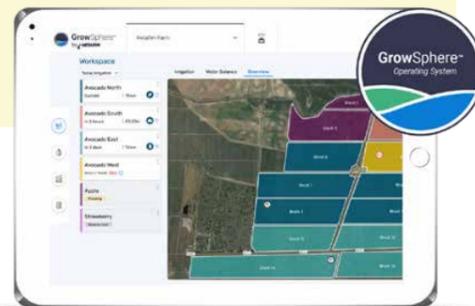
### Fertikit™ 5G with GrowSphere™ MAX

A highly precise and modular system powered by advanced control - optimizes yields while saving costs.

Fully configurable and highly cost-effective fertilizer/acid dosing unit, which includes the new intuitive and simple-to-use GrowSphere™ MAX controller, is designed for precise Nutrigation™. Fertikit™ 5G maximizes the usage of available water flow rates and pressures on the main irrigation line, ensuring the highest efficiency while managing local and remote devices. It provides the crops with the optimal amount of water and nutrients.

### The Operating System for Precision Irrigation

GrowSphere™ OS makes it easy to operate your irrigation and fertigation for the best results.



Very efficient, low cost, low pressure Travelling Effluent Irrigators. Big features, small compact machines.

## MODEL 10 EFFLUENT IRRIGATOR

37.023



| SPECIFICATIONS     |                            |
|--------------------|----------------------------|
| Operating Pressure | 100-200 K.P.A. (15-30 psi) |
| Run Length         | Up to 200 m                |
| Wetted Width       | Up to 25 m                 |
| Run Width          | 20 m                       |
| Run Time           | Variable to Suit           |
| Flow Range         | 2 to 5.5 l/s               |
| Boom Height        | 1.1 m                      |
| Boom Length        | 7 m                        |
| Wheel Track        | 1.55 m                     |
| Crop Clearance     | 0.45 m                     |



## MODEL 25 ROTARY BOOM IRRIGATOR

37.007 (FOLDED) / 37.008 (EXTENDED)

|                           | 25 Folding Rotary           | 25E Non Folding Rotary      |
|---------------------------|-----------------------------|-----------------------------|
| Boom Length               | 20 m                        | 0 m                         |
| Wetted Width              | 45 m                        | 55 m                        |
| Lane Spacings             | 40 m                        | 50 m                        |
| Hose Length               | 150 to 200 m                | 150 to 200 m                |
| Hose Diameter             | 65 mm - 80 mm               | 65 mm - 80 mm               |
| Flow Range                | 22 to 55 m <sup>3</sup> /hr | 22 to 55 m <sup>3</sup> /hr |
| Operating Pressure        | 280 K.P.A.                  | 280 K.P.A.                  |
| Boom Height               | 1.5 m                       | 2.1 m                       |
| Wheel Spacings Adjustable | 1.6 to 2.0 m                | 1.6 m to 2.0 m              |
| Travel Speeds             | 6                           | 6                           |
| Area Covered              | 1.2 ha to 1.6 ha            | 1.5 ha to 2.0 ha            |

## MODEL 15 EFFLUENT IRRIGATOR

37.021



| SPECIFICATIONS     |                                  |
|--------------------|----------------------------------|
| Boom Length        | 15 metres                        |
| Wetted Width       | 35 metres                        |
| Lane Spacings      | 35 metres                        |
| Hose Length        | Up to 150 metres                 |
| Run Length         | Up to 300 metres                 |
| Hose Diameter      | Up to 63mm                       |
| Flow Range         | 2 to 6 L/s                       |
| Operating Pressure | 150 to 250 K.P.A. (20 to 30 psi) |
| Travel Speeds      | 17 to 85 metres per hour         |
| Area Covered       | 1.05 hectares (300 Run)          |

Figures are for reference purposes and are not binding in detail. We reserve the right to introduce changes to the specifications of the machine without prior notice. Prices effective April 2021 - All prices GST exclusive ex factory.

Full range and parts available on request.

The Rainer Effluent Vibra Screen separates solids from liquids in: dairy farm effluent, truck wash waste water *and more...*

## RAINER EFFLUENT VIBRA SCREEN



### BENEFITS TO THE FARMER

- › The separation process has minimal moving parts which provides reliability, low maintenance and low running costs
- › Separated liquid can be re circulated for wash down
- › High separation of solids – can be easily spread on pasture within a short time
- › The system can be retro fitted into an existing effluent system, reducing capital expense
- › Once liquid is separated it can be stored and used in existing irrigation systems

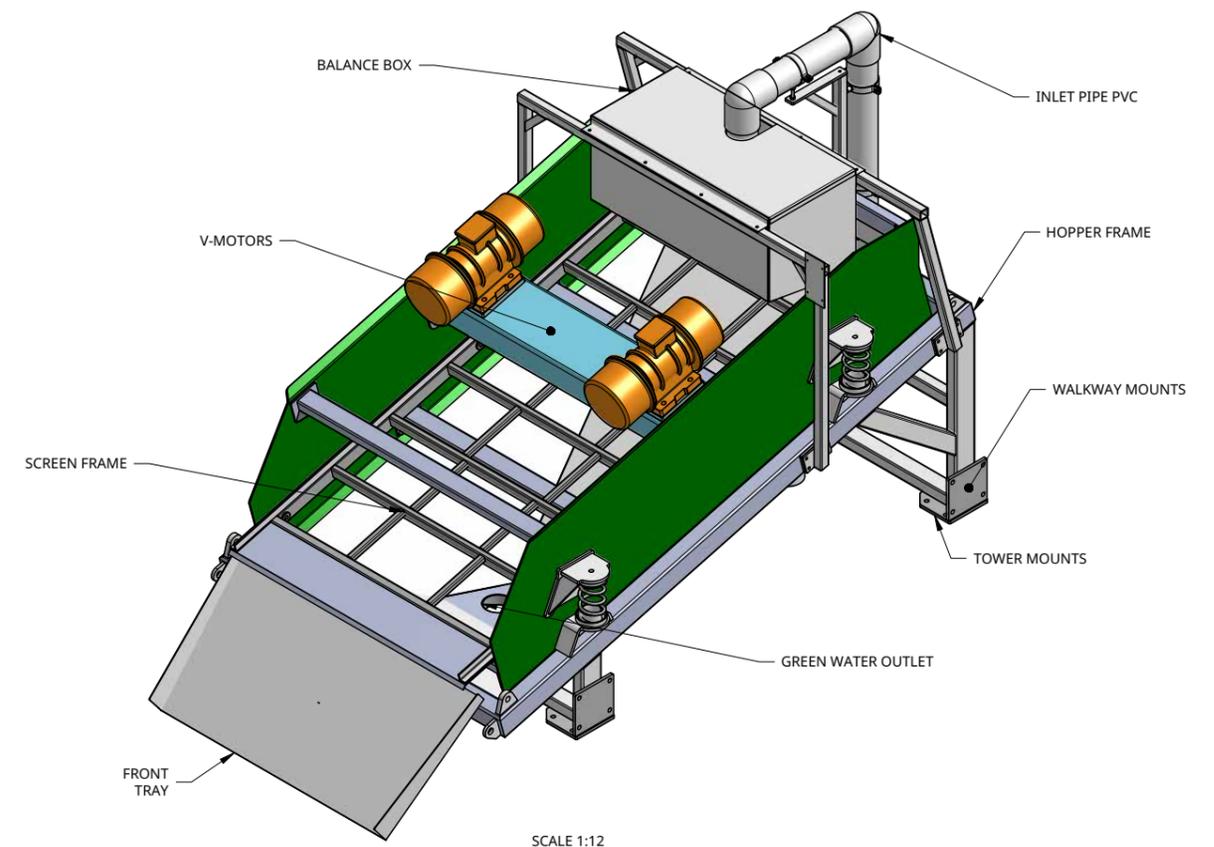
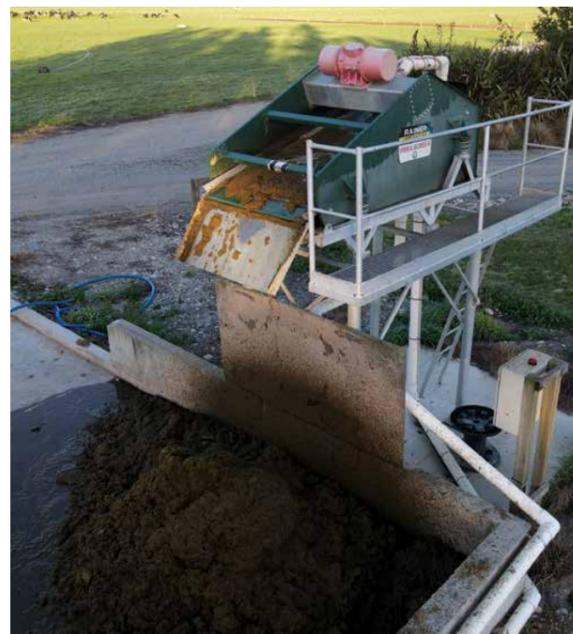


### FUNCTIONAL COMPONENTS OF THE VIBRA SCREEN

- › Stirrer mixes raw effluent in sump or saucer
- › Heavy duty pump delivers raw effluent onto the Vibra Screen
- › Vibrating screen allows liquid to pass through for storage in tank or pond - from here distribution to irrigation or wash down
- › Solids collect and dehydrate falling off screen to drainage pad

#### INDICATIVE FLOW RATES

|               |                     |          |
|---------------|---------------------|----------|
| <b>VS1200</b> | Feed pad waste      | 6 L/s    |
|               | Normal' dairy waste | 9-15 L/s |
|               | No. of cows         | 600 +    |
| <b>VS600</b>  | Normal' dairy waste | 4-11 L/s |
|               | No. of cows         | < 500    |



## FLOWMASTER™ IRRIGATION HOSE

- ›› Boosts reeler capacity
- › Easy deployment and retrieval
- › Low operating costs
- › Long service life
- › High quality and reliable
- › Lightweight
- › 10 year warranty



| Technical Specification          |           |           |           |           |           |           |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Diameter                         | 76mm      | 89mm      | 102mm     | 114mm     | 127mm     | 152mm     |
| Minimum Tensile Strength (Kg)    | 4500      | 5300      | 7000      | 12000     | 12000     | 13000     |
| Minimum Burst Pressure (bar)     | 42        | 42        | 34        | 34        | 34        | 34        |
| Maximum Working Pressure (bar)*  | 21        | 21        | 17        | 17        | 17        | 17        |
| Nominal Flat Width (mm)          | 125       | 150       | 170       | 185       | 210       | 245       |
| Nominal Wall Thickness           | 2.7       | 2.7       | 3.1       | 3.1       | 3.2       | 3.2       |
| Standard Supply Length (m)**     | 200       | 200       | 200       | 200       | 200       | 200       |
| Nominal Weight (Kg/m)            | 0.75      | 0.85      | 1.1       | 1.3       | 1.4       | 1.7       |
| Operating Temperature Range (oC) | -50 - +50 | -50 - +50 | -50 - +50 | -50 - +50 | -50 - +50 | -50 - +50 |

\* Or Maximum Working pressure of attached couplings, if lower.

\*\* Other lengths available on request up to 400m

| ANGUS - HOSE          |         |
|-----------------------|---------|
| FLOWMASTER HOSE 76mm  | 35.3S   |
| FLOWMASTER HOSE 89mm  | 35.3.5  |
| FLOWMASTER HOSE 102mm | 35.4.0S |
| FLOWMASTER HOSE 114mm | 35.4.5S |
| FLOWMASTER HOSE 127mm | 35.5S   |
| FLOWMASTER HOSE 152mm | 35.6    |

| HOSE ENDS - FITTINGS               |             |
|------------------------------------|-------------|
| HOSE END - 3" SPIGOT x 3" HOSE     | 52.R080/80  |
| HOSE END - 4" SPIGOT x 3 1/2" HOSE | 52.R100/090 |
| HOSE END - 4" SPIGOT x 4" HOSE     | 52.R100/100 |
| HOSE END - 5" SPIGOT x 4 1/2" HOSE | 52.R125/112 |
| HOSE END - 5" SPIGOT x 5" HOSE     | 52.R125/125 |
| HOSE END - 6" SPIGOT x 6" HOSE     | 52.R150     |

Let's make  
it rain.



## Irrigation Design

With all new irrigation system design, we focus on efficiency. To ensure this, our experienced team of designers have extensive up-to-date knowledge of the industry and all the products we offer.

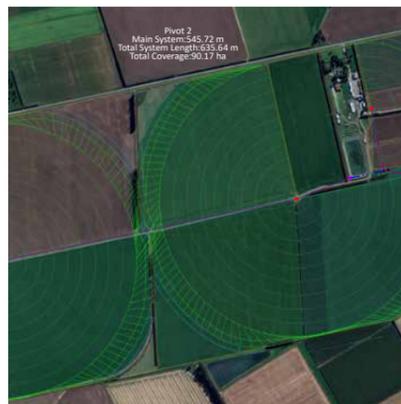
Utilising computer software to analyse projects and hydraulically design solutions to suit your needs, we aim to match your requirements and maximise efficiency, whether it be irrigation, stockwater, effluent or sprinklers.

Our design team will come to your farm to assess your situation. They'll look at the water available, crop and soil type, application depth and rates. All options are considered before we provide advice/feedback on reliability, capital cost, running costs, timeline and efficiency in achieving your desired outcome.

To ensure you're always fully in the loop with what's happening, our designers accurately draw preliminary and final computer sketches of irrigation systems on aerial maps to provide an accurate visual account of scheme.

At Rainer Irrigation we promise to deliver and strive to deliver more than what we promise. Our designers manage your project from the design phase through to completion, this ensures time lines are met and final delivery is a 'turn key' service.

We are a certified service provider, accredited in irrigation and dairy farm effluent design. Rest assured your irrigation system is designed specifically and efficiently to fit your purpose.



# Irrigation systems designed to meet your needs.





## Parts and Service

At Rainer Irrigation, we believe back up service is just as important as the sale and installation of new equipment.

Our service department is trained and experienced in the service and repair in all facets of irrigation. We have a fleet of 60 vehicles including Hiabs, diggers, telelifters and fully equipped service trucks, along with a large stock supply. Our rapid response time combined with these resources minimises downtime, ensuring you're looked after during the busy irrigation season. We also travel far and wide during winter to perform essential servicing and maintenance that helps minimise equipment breakdown.

Having the luxury of combining resources across the board, saves you time, money and the hassle of coordinating another company to work on the job.

### *We provide repairs and maintenance for:*

- › RotoRainers
- › Mainline
- › Centre pivots and laterals
- › Electrical equipment (Electrician services)
- › Pumps
- › Effluent

### *Instore we stock thousands of new parts, including:*

- › RotoRainer parts
- › Pivot and linear parts
- › Hose trailer parts
- › Mainline fittings
- › Sprinkler parts
- › PVC and PE pipe
- › Nuts and bolts
- › Valves and much more

### *Breakdown Service*

Our on call service for our mainline, electrical, pumps, RotoRainers, pivots/laterals and effluent can be tapped into any time.

**Call 0800 2 RAINER.**

# Reliable service and support.



# Water Solution Experts



**03 307 9049 | 0800 2 RAINER**

admin@rainer.co.nz

Cnr Robinson & McNally Streets  
Ashburton

**rainer.co.nz**