



Product Catalogue



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

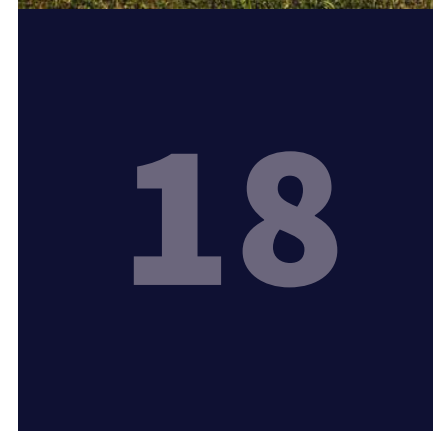
EFFLUENT

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



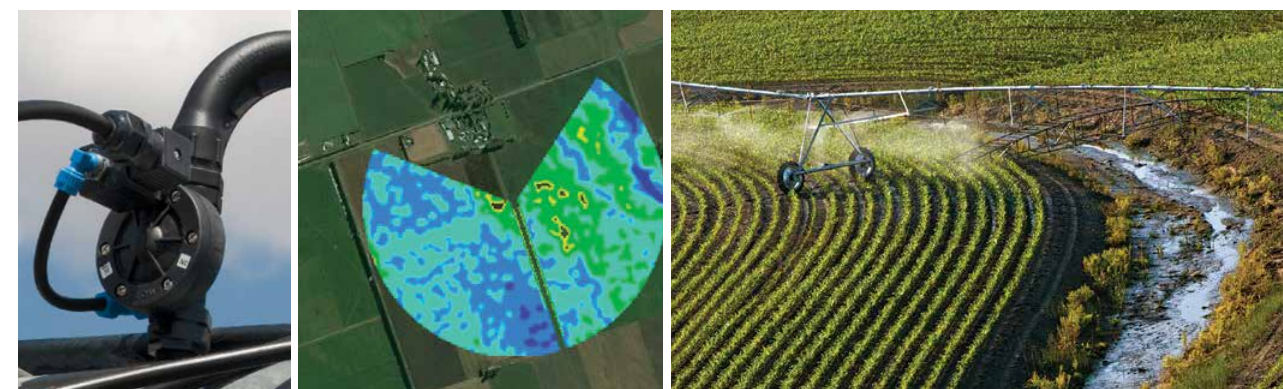
Multiple options for maximum coverage

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



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

CENTER DRIVE	
MOTOR ASSY, LCD, 3/4HP, 43RPM	341842
MOTOR ASSY, LCD, 3/4HP, 30RPM	349845

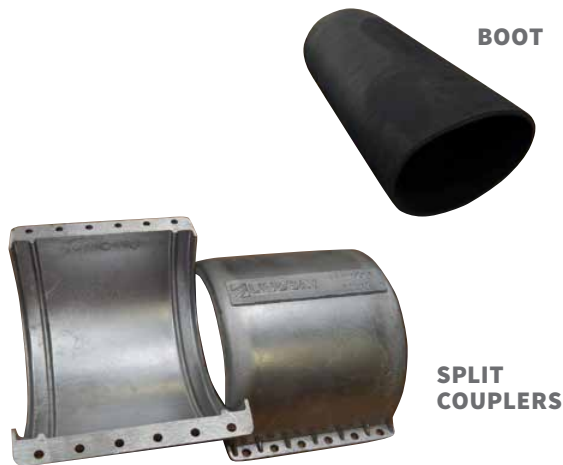
GEARBOXES	
GEARBOX, 2-1/4", TOWABLE	1452300
GEARBOX, NON-TOW, DUAL IN, 52-1	647131



STRUCTURE

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

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



SPRINKLERS, ENDGUNS & BOOSTER PUMPS

SPRINKLERS	
NELSON R3030, ROTATOR	0185910
NELSON O3030, ORBITOR, W/WEIGHT	0185830

PRESSURE REGULATORS	
REGULATOR, NELSON, UNI FLOW	0175010

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



WHEEL SETS

LINDAY BIAS PLY TYRES

The cost-effective choice for traditional bias ply tires.

- 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.

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

FLEXIBLE AND PE PIPES

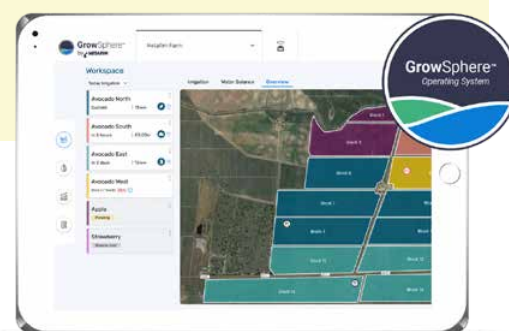
Get easier-to-use pipes that last longer.

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.

The Operating System for Precision Irrigation

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



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.

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 ³ /hr	22 to 55 m ³ /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

*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.

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)

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

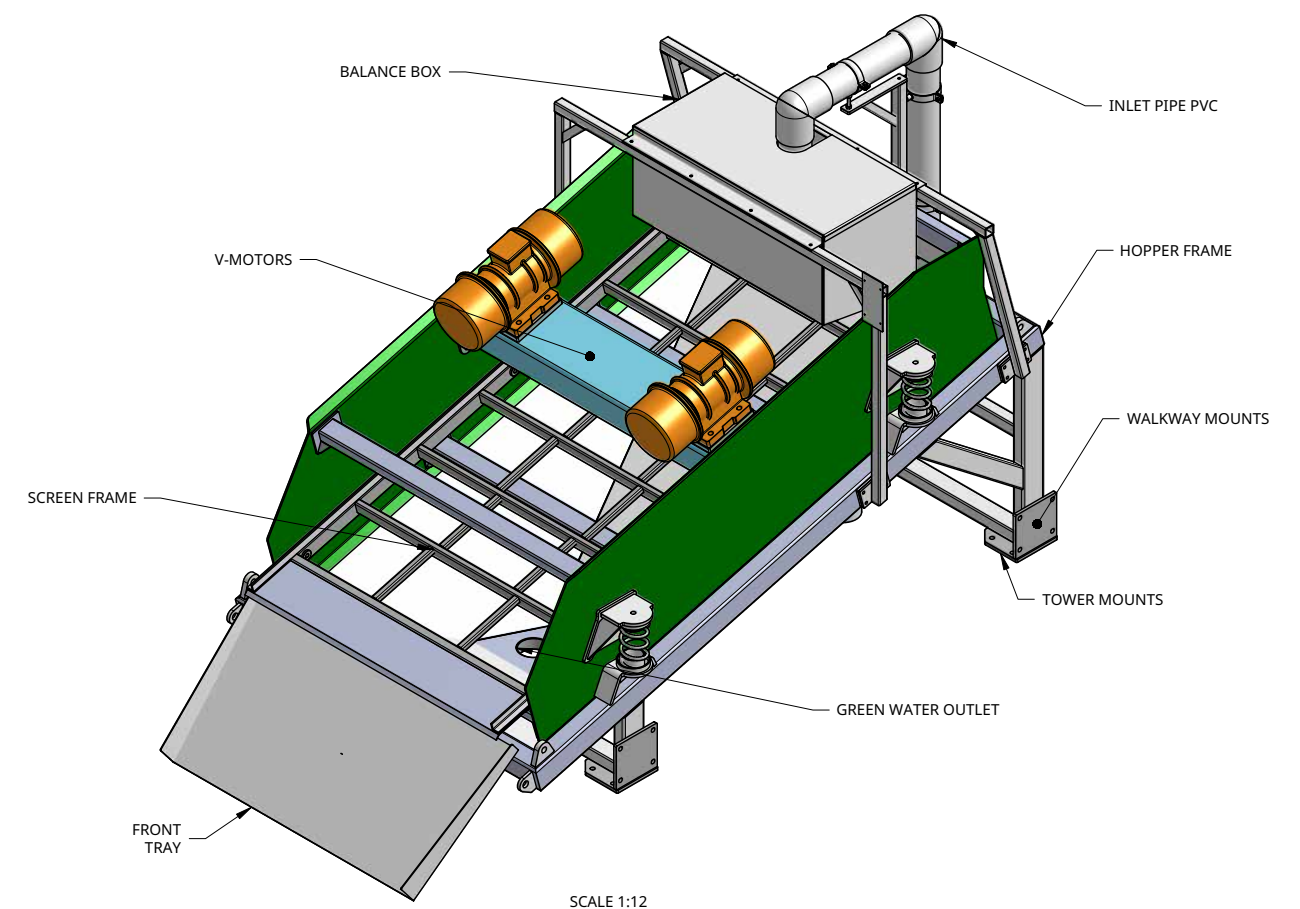


FUNCTIONAL COMPONENTS OF THE VIBRA SCREEN

- › 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

VS1200	Feed pad waste	6 L/s
	Normal' dairy waste	9-15 L/s
	No. of cows	600 +
VS600	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.

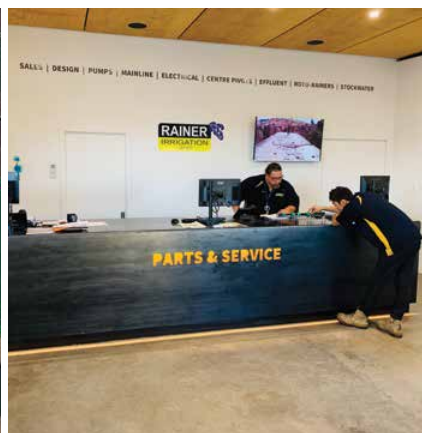
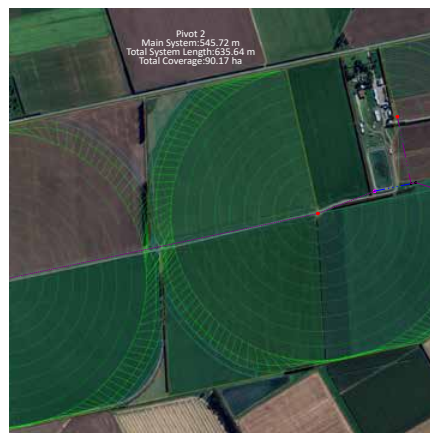
Utilising computer software to analyse projects and hydraulically design solutions to suit your needs, we aim to match your requirements and maximise efficiency, whether it be irrigation, stockwater, effluent or sprinklers.

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