

Irrigator RANGE



IRRIGATION SOLUTIONS

Parks & Gardens ▪ Sporting Fields ▪ Crops

Turbine, Piston or engine drive. Fixed boom, folding boom or gun. Rodney Industries has the widest range of irrigators available on the market today.

Our focus on energy and water efficiency guarantees you the most economical solutions from our entire range.

Whether you need to irrigate a sports field or a sugar cane field, we are sure to have an irrigator to suit your requirements.

The following is a brief overview of our irrigator range. Further details as well as Performance Charts are available from our office.



THE RANGE

When you are faced with a range of irrigators as extensive as we have here at Rodney Industries, it can be hard to know which machine and model will best suit your requirements.

The following model guide has been developed to assist in narrowing down models based upon the application they will be used for.

SPORTING FIELDS



SUITABLE MODELS

- RI Range: RI-10, RI-20, RI-30



THE RI RANGE

They may be one of the smallest of our irrigator range, but the RI 10, RI 20 and RI 30 have the features to prove they are the best small irrigator on the market.

FEATURES

- Manufactured in Australia
- Positive drive via winch cable & anchor
- Power to handle all conditions
- Hot dip galvanized
- Self – propelled
- Heavy duty design
- Integral hose reel (RI-20/30)
- Adjustable speed
- Easy to operate
- Spare parts and backup service available

SPECIFICATIONS

Flow Rate: 0.69 to 7.3 litres per second
Operating Pressure Range: 2.45 to 5.51 bar
Travel Distance Per Run: 110 to 200 metres
Wetted Width: 34 to 70 metres



WATER WINCH

The Rodney Industries' Water Winch is the ideal machine for irrigating sporting fields right through to medium scale crops. It is also great for dust suppression at mine and building sites.

FEATURES

- Manufactured in Australia
- Piston type water motor
- Positive drive via winch
- Cable and anchor
- Hot dip galvanized
- Self – propelled
- Safe and easy operation
- Heavy duty design
- P.T.O hose reel

SPECIFICATIONS

Flow Rate: 7.58 to 34.42 litres per second
Operating Pressure Range: 4.82 to 6.20 bar
Travel Distance Per Run: Up to 400 metres
Wetted Width: 80 to 132 metres

PARKS & GARDENS



SUITABLE MODELS

- RI Range: RI-30
- Water Winch: RI-350P
- Marani Hard Hose: F010B

DAIRY FARMS / SMALL CROPS



SUITABLE MODELS

- Water Winch: RI-350P
- Turbo Winch: RI-350T, RI-450T
- Marani Hard Hose: F010B, GT01510B



TURBO WINCH

Our range of Turbo Winch Irrigators, as standard, come complete with an industrial type four speed gearbox. How does this benefit the end user? The speed of travel can easily be selected to suit the crop / terrain being irrigated.

FEATURES

- Manufactured in Australia
- Radial inflow turbine
- Fully galvanized chassis
- Travel shut off mechanism
- Industrial type 4 speed gearbox
- Four wheel stance
- Safe and easy operation
- Robust construction
- Spare parts and backup service available

SPECIFICATIONS

Flow Rate: 12.43 to 53.99 litres per second
 Operating Pressure Range: 4.82 to 6.20 bar
 Travel Distance Per Run: Up to 400 metres
 Wetted Width: 92 to 148 metres



RAINSPAN BOOM



With a low pressure Rainspan Boom Irrigator, you will save water, energy, time and money whilst increasing your yields and profit.

FEATURES

- On Board Hose Reel Perma-coupled hose makes it easy to lay out hose and cable in the one operation
- Gearbox for smooth safe operation specifically designed for the Irrigator and is the most efficient in the industry
- New Generation Turbines that are the best in the industry
- Reliable High volume Purge Pump
- Diesel Drive available

SPECIFICATIONS

Flow Rate: 10 to 44 litres per second
 Minimum Operating Pressure: 2.7 bar SB350/SB550
 2.4 bar SB1000/SB2000
 Travel Distance Per Run: Up to 600 metres
 Wetted Width: 51 to 103 metres

MEDIUM CROPS



SUITABLE MODELS

- Turbo Winch: RI-350T, RI-450T
- Marani Hard Hose: F010B, GT015B, GT022B, GT026B, GT030B, GT040C
- Rainspan Boom: SB350, SB550
- Briggs Boom: R18, R24, R30, R40

LARGE CROPS



SUITABLE MODELS

- Marani Hard Hose: GT050B, GT060B, GT070B, GTS080B, GTS090C, IT040B, IT050B, IT060B, IT070B, ITS080B, ITS090C, IT100B
- Rainspan Boom: SB350, SB550
- Briggs Boom: R40, R50/2, R64/2



BRIGGS BOOMS



The Briggs range of mounted booms provide efficient, accurate and uniform water distribution while being extremely easy to transport and set up. The booms are transported on the hose reel and a fixed lift system is used for safe, simple, one person operation.

FEATURES

- Booms are made from steel and are fully galvanised which ensures a long lifespan
- Semi-automatic locking catches means that even the largest booms are genuinely a one man operation with no lifting or carrying
- All are easy to operate, can be folded by one person in just a few minutes for transport
- Booms can be operated in conjunction with our range of Briggs hose reels and MARANI Hard Hose Irrigators

SPECIFICATIONS

Flow Rate: 3.8 to 22.2 litres per second
Operating Pressure Range: 2.45 to 5.51 bar
Travel Distance Per Run: 110 to 200 metres
Wetted Width: 34 to 70 metres



MARANI HARD HOSES



Marani has one of the largest specific ranges of poly reel irrigators available in all markets worldwide ranging from a 40mm to a 160mm machine.

FEATURES

- Fully Galvanised
- Fourth Generation Pelton Turbine (Choke Flow)
- HDPE Hose
- Tachometer
- Drum Supports
- Hose Guide System – Scroll Bar
- Gearbox
- Shut-Off Valve

SPECIFICATIONS

Flow Rate: 1.1 to 40.9 litres per second
Operating Pressure Range: 3.1 to 13.1 bar
Travel Distance Per Run: 130 to 600 metres
Wetted Width: 27 to 110 metres (at 80%)



FITTINGS

When purchasing an irrigator, it can be easy to forget the little things such as the fittings. Here at Rodney Industries, we manufacture and supply a huge range of irrigator fittings including:

- Hose Tails
- Hose Ends
- Couplers
- Adaptors
- Weld Bells
- Clamps
- Gaskets

Irrigation fittings may not be the most expensive component of your irrigation system, but they are essential – never compromise on quality – always choose Rodney's.



HOSE

An irrigator is not complete without a hose and at Rodney Industries, our range consists of both Rubber and Polyurethane.

We are suppliers of Australia's most tried and tested hose brands:

- Angus Flexible Hose
- Crusader Hose
- Snap-Tite Irrigator Hose

All quality hoses; all durable hoses; and all with their own set of unique benefits.

Further information on our range of hoses, including their specifications, can be obtained from our Sales Department.



SPRINKLERS & GUNS

When purchasing a Sprinkler or Gun for your irrigator, there are several factors to consider, including:

- Flow rates
- Pressure
- Water quality
- Size of area being irrigated

Being proud suppliers of Nelson, Nodolini and SIME, means that we can offer to our customers a wide range of Sprinklers and Guns.

Whether you are irrigating a small playing field or acres of sugar cane, we are sure to have the Sprinkler or Gun to suit your needs.

Proud Suppliers of



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