



Rodney Industries

# MARANI HARD HOSES



2024

# MARANI HARD HOSE IRRIGATORS



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# Proud to be your partner in irrigation

With a range that expands over 40 machines, you are sure to find the Marani Hard Hose Irrigator to suit your requirements.

**M**arani is recognized globally as having one of the strongest built machines. They have been building machines since 1970 and have stood the test of time. They have a very solid chassis and use the best technology available throughout the entire machine. Their gearbox is super tough whilst having a very user friendly gearbox and turbine structure. Although they have built a very strong and heavy chassis and reel, they have made it lighter and more durable by replacing the sheet metal panels on the drum with strong polyurethane sheets that are never going to rust either.

Other features include:

- Direct coupled gearbox \ turbine with built in bypass and speed regulator provides outstanding performance whilst reducing operating costs.
- Largest range of sizes available.
- Engineered for strength and durability.
- Hot dipped galvanized for longer lifespan.
- Spare parts and backup service readily available.



# SERVICE THAT DOES NOT END AT THE SALE





At Rodney Industries we have taken on the challenge of further improving our customer service and productivity, returning real benefits to our customers.

Since adding the Marani Hard Hose Irrigators to our range of irrigators over 15 years ago, a significant number have been sold Australia wide for both the agricultural and mining sectors. The popularity and durability of the machines has led the Marani Hard Hose Irrigator to be our leading irrigator.

All Marani Hard Hose Irrigators are fully galvanized to protect your investment from corrosion whilst adding durability and strength to the machines.

The new generation turbine and gearbox design increase the machine's efficiency and the use of the MA-RAIN computers and full hydraulic system available on the larger models gives even greater control over application rates.

When the hard hose is used in conjunction with our Briggs low pressure folding booms, you can expect to achieve greater uniformity and significantly reduce your power consumption.

Whether you purchase one of our Marani Hard Hose Irrigators, Turbine, Piston, Boom or Travelling Irrigators, we understand that it is a big investment and that is why we offer the complete service. The sales team at Rodney Industries is with you and your dealer throughout the entire process, from finding the best irrigator to suit your requirements both financially and performance wise, right through to stocking all the accessories. We have the fittings, hose, guns, sprinklers and diesel pump sets for your entire project. Our trained staff are available to assist with the commissioning of your new machine and once the machine is installed, we continue our service to you with ongoing support, spare parts and all of your after sales service needs.

# Frequently Asked Questions.

## Being Italian made, are there spare parts readily available?

We already have a huge range of spare parts not only for Marani machines but for some other well known brands which are readily available in Brisbane.

## Will I get back up support?

Yes. Rodney Industries and Vinidex are embarking on establishing a solid back up team to the industry with having 3 people dedicated to irrigator sales and support through RI and a team of sales people in every state to help with your enquiries. This adds up to approximately 20 people nationally for support.

## Can I pump effluent?

Yes they can pump effluent; so long as it is fairly clean. They are pumping effluent in all parts of the world as many places around the globe only have effluent available to them for pumping in their agricultural markets.



## Will they maintain a consistent travelling speed?

Due to the full Marani range having a mechanical compensator which is adjustable, they maintain a very consistent travelling speed throughout the run. This can also be upgraded to a computer to have a more accurate timing of the run.





## Will I save money compared to other hard hose gun options?

Yes. Due to the next generation turbine which is coupled to the gearbox and the HDPE pipe; it will work at a lower operating pressure to other machines on the market. This will mean that you can get lower energy bills, but also that you can get the higher flows required through smaller machines; saving on the capital outlay as well!

## Are they stable when operating?

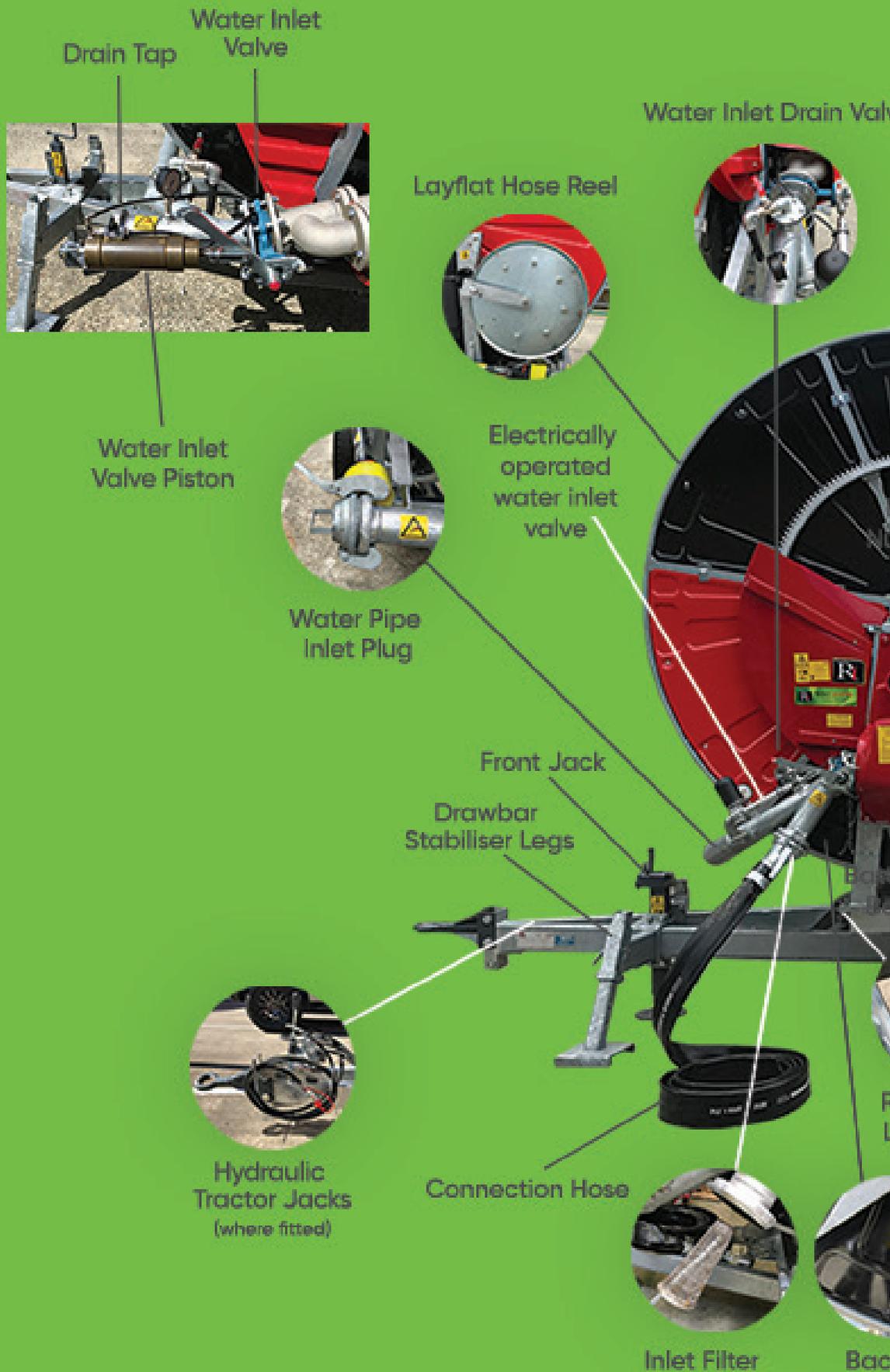
Yes. Marani have a very strong and over engineered frame design. They go to such lengths in creating a machine that won't move that even their smallest machines have a full chassis to operate from.



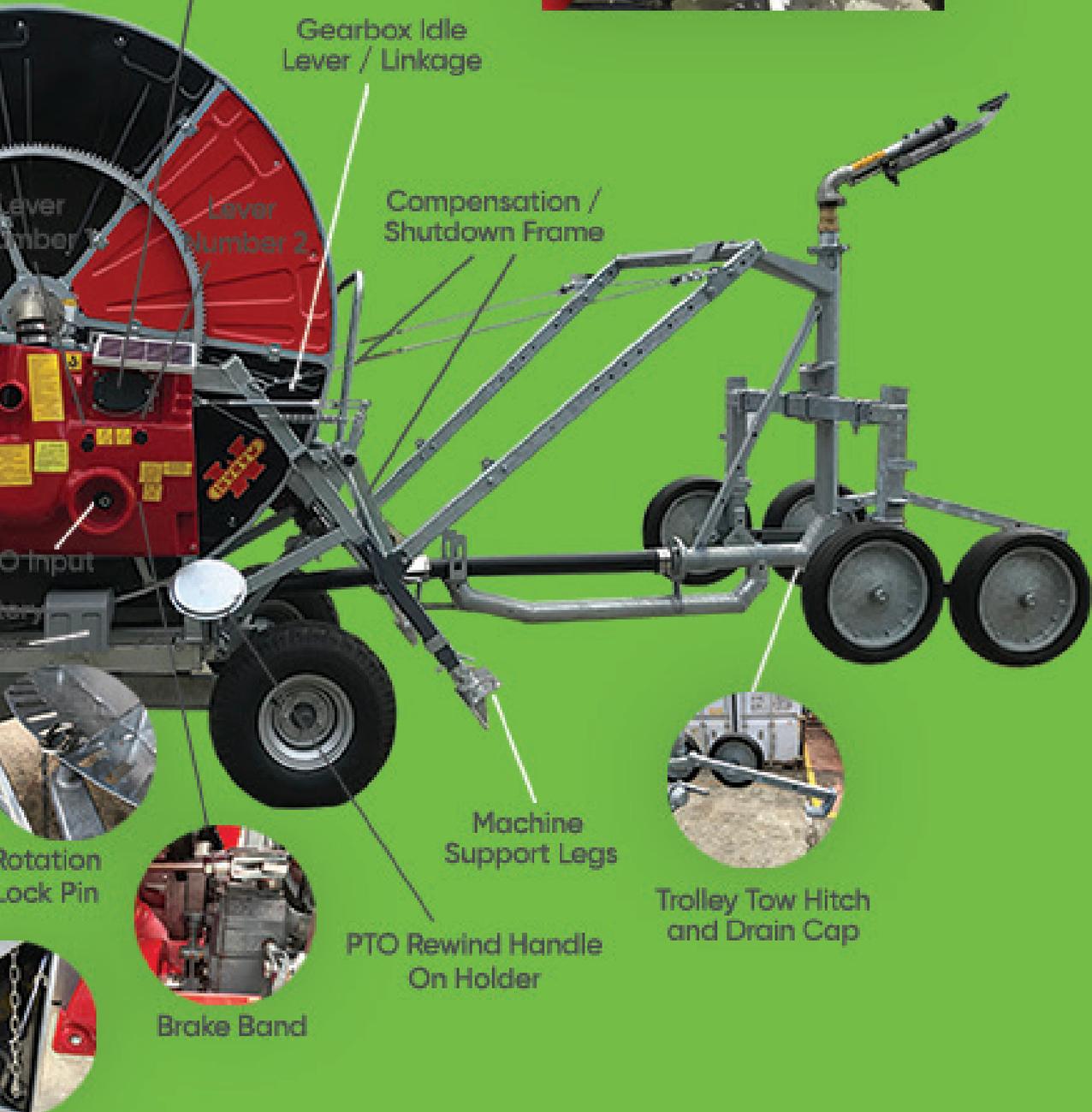
## I may want to put a boom attachment on at a later date; is it possible?

This is as easy as unbolting the flange of the gun trolley and re-bolting the boom onto it. Of course you will have to adjust your pump to work within the pressures and flows of the booms specifications. We offer the Briggs range of folding booms which is universally recognized as the best booms in the industry.





ve



Three way ball valve linkage

Throttle Controls



Computer

Gearbox Idle Lever / Linkage

Lever Number 1

Lever Number 2

Compensation / Shutdown Frame

Input

Rotation Lock Pin

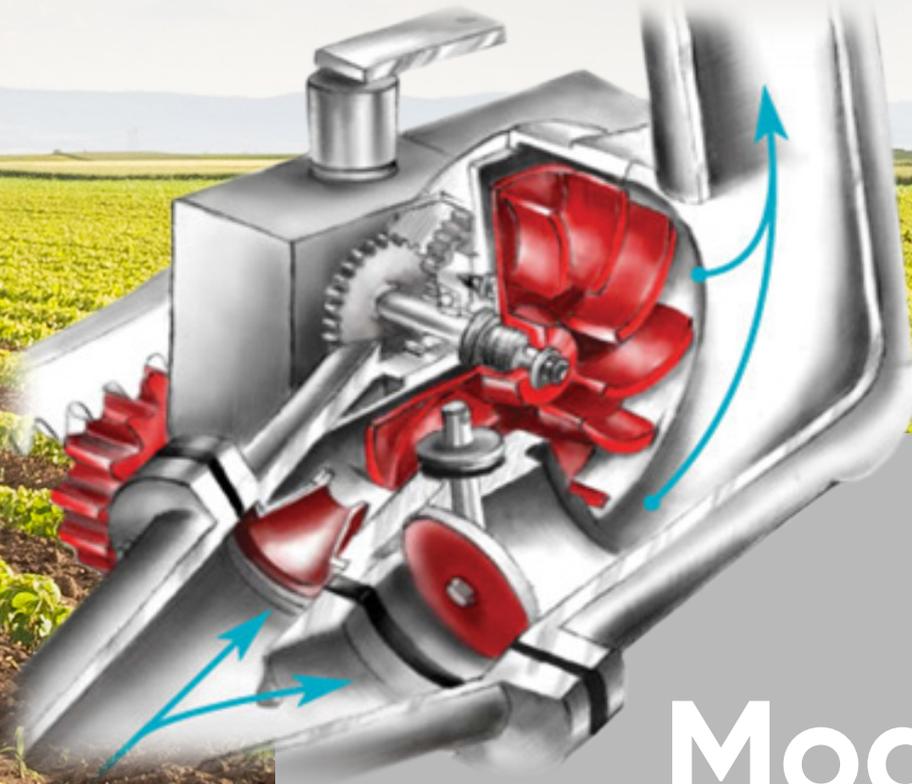
Machine Support Legs

Trolley Tow Hitch and Drain Cap

PTO Rewind Handle On Holder

Brake Band

Stop



# GT Models

Marani Fourth Generation Turbine and Gearbox used on GT Machines are proven for Low Pressure applications and the Gearbox has been used for Both Gun Trolley Boom Irrigators for over 10 years.

The Choked-Flow Turbine with built in bypass is flanged directly to the Gearbox. This also eliminates a Transmission belt and external by pass. This makes the system reliable from a performance point of view Turbine is made with special Aluminium and machined using CNC machining Centre.

# TRUSTED TURBINES

# GTS/ITS Models

- The Marani GTS and ITS Models use the most efficient turbine on the market and when direct coupled with the new Gearbox they are proven to require less water and pressure, allowing more to flow through to your gun.
- You can also easily see what speed you are in with the top gear change: 1-2-3-4.
- With the Lower gear change when in the Left position: hose is ready to pull-out & PTO wind-up.
- Centre position: drum lock down for transport
- Right position: working position
- If a Foreign Object jams up the impeller just reverse the impeller by turning the outlet shaft next to turbine.



# Get to know the Hard Hose Range



**F010B**

- 40mm x 130m
- 50mm x 170m



**GT015B**

- 58mm x 200m
- 63mm x 150m



**GT020B**

- 63mm x 200m



**GT022B**

- 63mm x 250m
- 75mm x 250m



**GT026B**

- 75mm x 300m
- 90mm x 250m



**GT030B/C**

- 75mm x 350m
- 90mm x 300m
- 90mm x 350m
- 110mm x 250m (C)







### GT040C

- 110mm x 300m



### GT050B

- 110mm x 350m



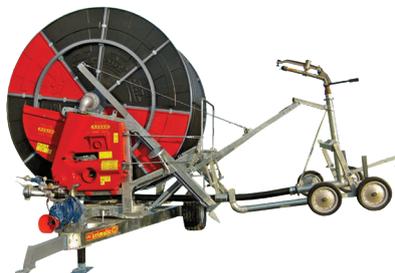
### GT060B

- 110mm x 420m
- 110mm x 450m
- 125mm x 350m



### GT070B

- 110mm x 500m
- 125mm x 400m



### GTS080B/C

- 125mm x 450m
- 125mm x 500m
- 140mm x 380m
- 140mm x 400m (C)
- 140mm x 450m (C)



### GTS090C

- 140mm x 500m



### IT050B

- 110mm x 300m
- 110mm x 350m



### IT060B

- 110mm x 420m
- 110mm x 450m
- 125mm x 300m
- 125mm x 350m



### IT070B

- 125mm x 400m



### ITS080B/C

- 110mm x 600m
- 125mm x 450m
- 125mm x 500m
- 140mm x 410m (C)
- 140mm x 450m (C)



### ITS090C

- 140mm x 450m



### IT100B

- 140mm x 550m
- 140mm x 600m
- 140mm x 700m



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**PARTNER IN IRRIGATION**



With a range that expands over 40 machines from 40mm to 140mm, you are sure to find the Marani Hard Hose to suit your requirements. Talk to us today!

## RODNEY INDUSTRIES

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# THE BOOM FACTOR

Efficient, tough, reliable and surprisingly versatile, the modern Briggs range has been tried and tested by farmers, growers and groundsmen around the world.

The Perfect Partner For  
**MARANI  
HARD HOSES**



For superior performance in a convenient package, choose a **Briggs Irrigation Boom.**

*Find out more from*



**Rodney Industries**



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