



**Rodney
Industries**

A Division of Vinidex Pty Limited



HARD HOSE IRRIGATORS

MARANI RANGE



Rodney Industries

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HIGH QUALITY, PROVEN TECHNOLOGY AT THE RIGHT PRICE

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

Marani 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.



OFFERING THE COMPLETE PACKAGE

For the full irrigation package, why not consider a Briggs Boom? Developed in association with farmers, growers and groundsmen and proven around the world, Briggs Irrigation systems are kind to the crop, gentle on the ground and very easy for the operator - The perfect partner for our Hard Hose range.

- Controlled droplet size reduces soil damage. Large droplets can be selected to reduce drift while fine droplets can be used to minimise damage to very delicate crops.
- Low pressure operation helps reduce pumping costs and puts less strain on the pipeline.
- Reduced impact from small droplets also reduces soil capping and soil erosion.

IT DOESN'T 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 almost 10 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.

Boasting over 40 different models, the Marani Hard Hose Irrigator has one of the largest specific ranges of poly reel irrigators available in all markets worldwide ranging in size from 40mm to 160mm.

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.

THE OPTIONS

DISCHARGE VALVE



Discharge membrane valve for automatic shut-off the engine pump (pump must have low pressure shut off)

SHUT OFF VALVE



This valve is operated by water piston or by an electric piston for water shut off at machine inlet.

(Pump must have high pressure shut off).

OFF SET TROLLEY



5 Wheel off-set trolley. Ideal for avoiding hose damage to certain crops and standard on most 4 wheel chassis machines.

FULL HYDRAULICS



Operated by a spool valve using tractor hydraulics (or engine if engine drive) for rotating reel, adjusting tongue jack height and lowering/raising gun-cart and stabilizer legs. Ideal for positioning big machines under extreme working conditions.



SPECIFICATIONS

Please note: the following specifications are to be used as a guide only. Please contact our office for product specific technical data.

SIZE	PRESSURE AT INLET (BAR)	FLOW RATE (L/M)	WETTED WIDTH AT 80% (M)
40/130	3.2-7.7	71-155	28-34
50/170	3.1-8.8	88-277	29-46
58/200	3.3-8.0	152-351	32-48
63/150	3.0-9.7	174-560	41-70
63/200	3.6-11.1	230-606	40-61
63/250	4.0-10.1	230-520	40-54
75/250	4.4-10.8	276-708	57-75
75/300	3.0-10.4	174-586	40-72
75/350	3.0-10.8	174-586	40-72
90/250	4.6-10.9	522-1149	59-86
90/300	4.8-10.8	522-1096	59-83
90/350	5.1-10.8	522-1040	59-80
110/250	3.7-9.9	522-1570	59-94
110/300	4.4-10.5	732-1570	66-94
110/350	4.3-11.2	623-1570	62-94
110/400	4.5-11.3	623-1501	62-92
110/420	4.6-10.6	623-1320	62-90
110/450	4.4-11.9	522-1501	59-91
110/500	4.5-11.5	522-1202	59-88
110/600	4.8-11.5	522-1149	59-86
125/300	4.1-11.3	848-2144	70-122
125/350	4.3-11.2	848-1913	70-109
125/400	4.4-10.9	848-1988	70-106
125/450	4.6-11.0	848-1901	70-102
125/500	4.7-11.4	848-774	70-102
140/380	4.1-11.2	974-2648	77-117
140/400	4.2-12.0	974-2648	77-117
140/450	4.3-10.9	974-2455	77-110
140/500	4.4-11.5	974-2455	77-110
140/550	4.6-12.6	974-2455	77-110
140/600	4.7-13.1	974-2455	77-110
140/700	4.4-11.0	974-2455	77-110

Please note weights and dimensions are to be used as a guide only. Contact Rodney Industries or your local distributor for more detailed specifications.

PARTNERS IN SERVICE



Rodney Industries offer a range of Diesel Pump Sets from leading international brands that complement their range of Hard Hose Irrigators.



JOHN DEERE



LOMBARDINI

IRRIGATION GUNS AVAILABLE

