

Travelling Irrigator

For effluent and fresh water



Designed and manufactured for strength and durability

Humes Pipeline Systems in association with AC Martian Ltd offer a travelling irrigator for effluent and fresh water applications. The ACM travelling irrigator is a strong, durable and stable irrigator with an excellent coverage area and the ability to operate at very low pressures.

Benefits:

- Stable in uneven terrain
- Even application of effluent
- Operation at very low pressures
- Low maintenance – no greasing points
- Low labour costs



Features:

- Four wheel construction
- Low centre of gravity
- Auto travel stop as standard
- Variable travelling speed
- Large cam to eliminate stalling
- Rear couplings for shifting drag hose
- Double ratchet drive
- Large 50mm 316 stainless steel riser with triple seals
- Triple cam bearings
- Frame designed for obstacle deflection
- Hot dipped galvanised construction
- 250m or 300m cable lengths
- Unique rubber nozzles
- Towing hitch



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There are many things to consider when selecting a travelling irrigator. Hydraulic efficiency is very important as is the stability of the irrigator, durability and reliability.

ACM Irrigators have been designed and manufactured with strength and durability in mind using heavy wall steel section and a full hot dipped galvanised frame. With their four wheel design and low centre of gravity ACM Irrigators are very stable, even in uneven terrain.

Design Features

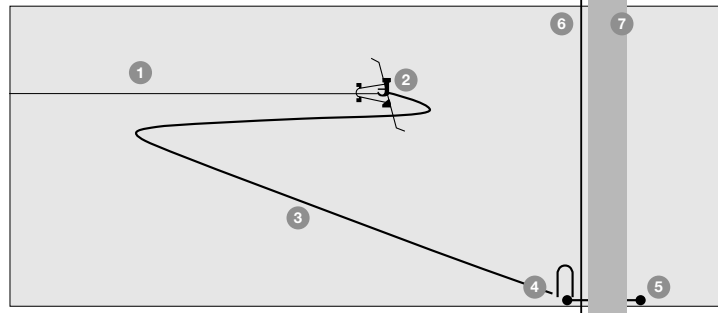
a ACM Irrigators are a very hydraulically efficient irrigator with the new boom riser which has been designed to minimise head loss through the irrigator. The welded design joint also provides extra strength for towing over rough terrain.

b The double ratchet drive provides even loading with significantly less wear on the gears and keeps the irrigator in a straight line.

c The ACM rubber spray nozzles are designed for maximum efficiency and to minimise blockages.

d The new large cam enables the irrigator to operate on low pressure (as low as 8 psi) without stalling. This coupled with the cam running on three bearings not just one, means smooth and efficient operation of the irrigator.

Paddock Setup



- 1 Irrigator winch wire connected to a post at the end of the paddock
- 2 ACM Irrigator
- 3 63mm drag hose 200-300m laid out as above to reduce the amount of drag-hose the irrigator has to pull during its run
- 4 Two-way hydrant. This hydrant will irrigate these four paddocks with the under race connector
- 5 Under race connector, connects into the hydrant under the race
- 6 Effluent mainline
- 7 Cow race, track or lane

Specifications	
Boom Length	6.5 metres
Flow Rates	70-350 litres per min.
Operating Pressure	8-40 psi
Wetted Length	35 metres
Cable length	250 or 300 metres
Run Length	Up to 300 metres
Max coverage per run	1.05 Ha (300m run)
Travelling Speeds	Variable
Drag Hose Diameter	63mm OD
Weight	95 kg

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. Availability of product may differ slightly from that available in your area. © Humes Pipeline Systems 2004.

