

TRAILCO®

T400 T400-2 T450-2

TRAVELLING IRRIGATORS

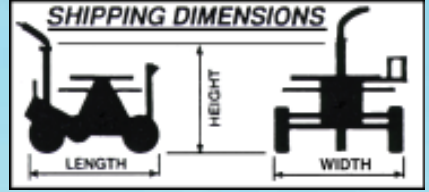
- * Extreme Versatility
- * Very Low Labour Requirement
- * Portable
- * Excellent Water Uniformity
- * Ability to Work Around Obstructions
- * Easy to Use
- * Long Life & Simple Maintenance
- * Designed & Manufactured in Australia

IRRIGATES
EVERYTHING FROM
TURF TO BANANA
PLANTATIONS.
UP TO 600m RUNS



TRAILCO T400, T400/2 & T450/2 TRAVELLERS																																		
SPRINKLER	Nozzle Dia.		Sprinkler Pressure		Output		Wetted Width		Approx. Lane Spacing	Full Circle Precipitation Rate (avg.)	400 METRE (20 CHN) RUN												600 METRE (30 CHN) RUN											
	mm	ins	kPa	PSI	l.p.s.	GPM	m	ft.			Approx area/run		Gross Application						Approx area/run		Gross Application													
											ha	Ac	7.5 Hr. Run		11 Hr. Run		22 Hr. Run		44 Hr. Run		ha	Ac	11 Hr. Run		22 Hr. Run		44 Hr. Run							

NOTE: APPROXIMATE LANE SPACINGS CALCULATED USING 0.65 WIND FACTOR, (65% OF THE WETTED WIDTH SPRINKLER DIAMETER)
 * Sprinkler performance is based on the Manufacturers data which has been obtained under ideal test conditions and may be adversely affected by wind or other factors.
 Trailco Irrigation makes no representation regarding droplet condition, uniformity or application rate.



Shipping dimensions				
Model	Weight kg	Length m	Width m	Height m
T40	467	3.1	2.03	1.02
T400-411x8	750	3	1.64	2
T400-614x9	880	3	1.65	2
T400/2-411x8 4"	1340	3.1	1.98	2.1
T400/2-614x9 4"	1470	3.1	1.98	2.1
T450/2-614x9 4½"	1580	3.1	2.28	2.1



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SOLD & SERVICED BY:

T400 TRAVELLER

- Up to 400m (20 Chain) runs.
- Designed for applications where the hose doesn't need to be moved every run.
- Lighter & narrower due to missing hosereel.

Optional Extras:

- 614m Cable, 200mm Ram & 1" valve assembly enables up to 600m (30 Chain) runs.
 - Sprinkler tilt Coupling designed to assist in combating the effects of wind by varying trajectory angle of sprinkler.
 - 15" Floatation tyres to minimize bogging & soil compaction.



T400 Hose Sizes	Length of Spray Run	Models
89mm,102mm or 114mm		T400-411x8-6R¾V
x 200m (3½"- 4½"x10 chain)	400m(20 chain)	T400-411x9-8R1V
102mm x 300m (4"x 15 chain)	600m(30 chain)	T400-614x9-8R1V
114mm x 300m (4½"x 15 chain)	600m(30 chain)	T400-614x9-8R1V

T400-2 TRAVELLER

- Up to 400m (20 Chain) runs.
- Versatile, self-contained design means easy setup & a minimum of labour for each run.

Optional Extras:

- 200mm Ram & 1" valve assembly for more power for heavy hose pull conditions and longer hose lengths
 - Sprinkler tilt Coupling designed to assist in combating the effects of wind by varying trajectory angle of sprinkler.
 - Riser Pipe Extension – for irrigating crops up to 6.5m (21') tall
- Option (Reduced Price):**
- 4 - 6.95 x 14" tyres in place of 11 x 15' flotation tyres.



T400-2 Hose Sizes	Length of Spray Run	Models
89mm,102mm or 114mm		T400/2-411x8-6R¾V
x 200m (3½"- 4½"x10 chain)	400m(20 chain)	T400/2-411x9-8R1V

T450-2 TRAVELLER

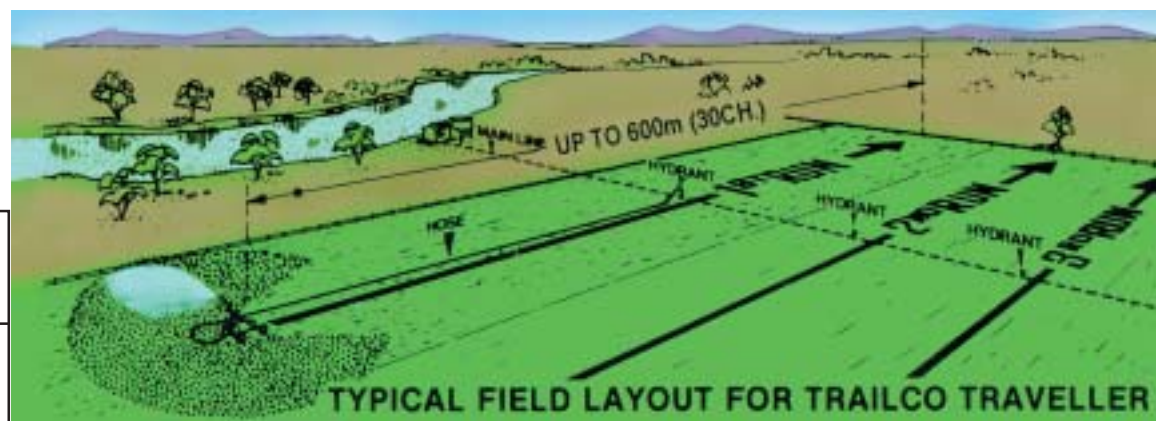
- Up to 600m (30 Chain) runs.
- Higher Power Output gives reliable performance in tough conditions.
- Versatile, self-contained design means easy setup & a minimum of labour for each run.

Optional Extras:

- Sprinkler tilt Coupling designed to assist in combating the effects of wind by varying trajectory angle of sprinkler.
- Riser Pipe Extension – for irrigating crops up to 6.5m (21') tall



T450/2 Hose Sizes	Length of Spray Run	Models
102mm or 114mm x 300m		T450/2-15-4"
(4"- 4½"x15 chain)	600m(30 chain)	T450/2-15-4½"
Double deck		
102mm or 114mm x 200+100m		T450/2-DD-4"
(4"or 4½"x10+5 chain)	600m(30 chain)	T450/2-DD-4½"



FEATURES common to T400, T400-2 & T450:

- **Trailco-Proven Piston Drive** – Efficient Trailco patented piston drive, with virtually no pressure loss through the drive system, giving you big savings on your yearly pumping costs. Less maintenance, no sprockets and chains to wear, no gear boxes, belts or pulleys to malfunction.
- **Drive Unit** having large powerful double action piston and a mechanically actuated valve (All Gunmetal & Stainless Steel construction). Single Main valve with no pilot and shut off valves, that gives you simple, trouble free and reliable operation. The piston is double acting, giving positive power with each stroke of the piston (no lost motion) ensuring that all of the power developed is used to power the cable drum. Also provides a wide range of travel speeds to suit your particular crop water requirements.
- **Low labour requirement** - All irrigators designed to be easily operated by one person.
- **Compact Concept** with very short turning circle for easier handling, mounted on four wheels for stability.
- **Flotation Tyres** – with the same track front and rear to minimise bogging and soil compaction.
- **Reversing Attachment** – locks the drawbar, enabling the front wheels to be raised by the three point linkage drawbar on the tractor. This makes reversing as simple as with a two wheeled trailer.
- **Wide Wheel Track and High Clearance** – Wide wheel track to suit average row crop spacings and high ground clearance for reduced crop damage.
- **Longer Life** – All main parts galvanised or plated for maximum protection.
- **Angus Premium Hi-Flow Hose**, top quality irrigation hose which carries a 10 year warranty.
- **Automatic Shut-Off** – The forward movement of the irrigator is stopped automatically by the automatic shut-off mechanism at the end of the spray run.
- **Constant Travel Speed** means excellent water uniformity. Speed adjustment by controlling exhaust water from the piston drive with a ball valve and exhaust jets. The exhaust jets are angled for wide distribution of exhaust water.
- **Steering Mechanism** – Accurate automotive type steering mechanism for maximum stability and excellent tracking.
- **Cable Drum Brake** – prevents over-run and possible damage when towing out cable.
- **Cable Drum Rewind Handle** for easy cable retrieval on an aborted run and to take up slack cable prior to start-up.
- **Automatic Brakes** – allow the machine to start at the end of the path with the hose turned neatly behind the tyres eliminating the need for a long anchor loop. The brakes release automatically when the hose drag is sufficient.
- **Automatic Start Up** – Mechanically activated self engagement mechanism for automatic start-up and forward travel, lessening the need to return to the irrigator following start-up.
- **Self Cleaning Filter Element** – to protect drive unit.
- **Easy to service** – All serviceable parts conveniently located for ease of maintenance and adjustments.
- **Pressure Gauge** – Sprinkler fitted with high quality liquid filled pressure gauge.

FEATURES common to T400-2, T450-2 & T40:

- **Adjustable Hose Side Lay Roller Arm** lays hose to either side of laneway. Well outside travel path of irrigator.
- **Hose Reel** – Specially constructed spool, built with flat base for maximum hose protection and longer hose life.
- **PTO Rewind Hose Reel** – The Hose Reel is PTO driven for retrieving the hose, PTO shaft permanently attached to the front of Irrigator allowing the retrieval of the hose to be carried out from the towing position.
- **PTO Driven Hose Purge** – makes it possible to exhaust the water from the hose prior to it being reeled in for easier wind up in heavy conditions for maximum hose protection and longer hose life.

T40 HOSEREEL

- Designed as companion to T400 Traveller
- PTO rewind Hosereel
- PTO Driven Hose Purge



T40 Hose Sizes	Length of Spray Run	Models
89mm,102mm or 114mm x 200m		T40-10-4"
(3½"- 4½"x10 chain)	400m(20 chain)	T40-10-4.5"
Double deck		
102mm or 114mm x 200m+100m		T40-DD-4"
(4"- 4½"x10+5 chain)	600m(30 chain)	T40-DD-4.5"