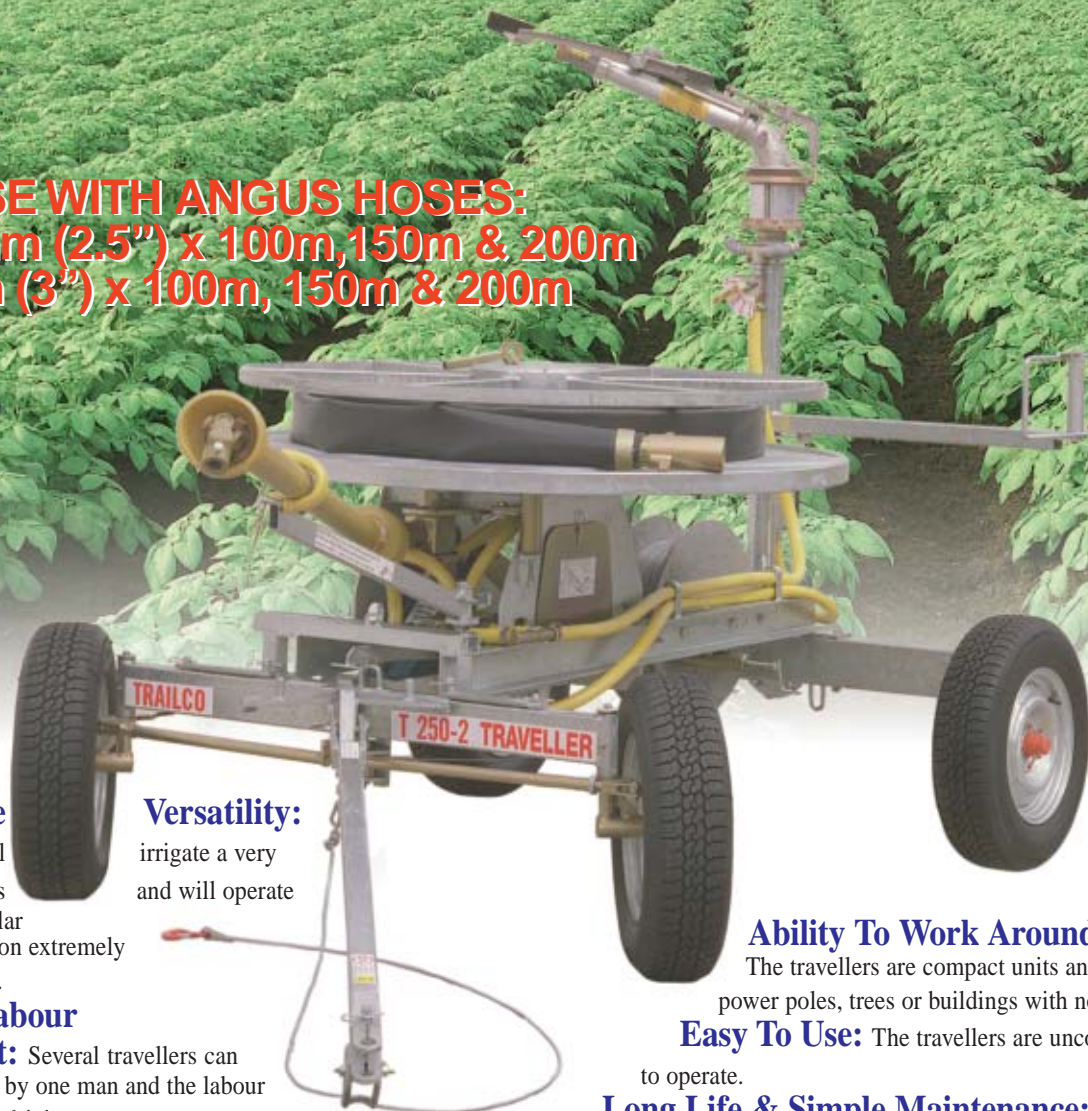


# TRAILCO®

## T250-2 TRAVELLER



**FOR USE WITH ANGUS HOSES:**  
63.5mm (2.5") x 100m, 150m & 200m  
76mm (3") x 100m, 150m & 200m



### **Extreme**

The travellers will irrigate a very wide range of crops well in very irregular shaped fields and on extremely undulating terrain.

### **Very Low Labour**

**Requirement:** Several travellers can easily be operated by one man and the labour consists mostly of driving a tractor.

**Portable:** The travellers are ideal for irrigating widely scattered areas. They can be towed from field to field or farm to farm.

**Excellent Water Uniformity:** The continuous movement of the traveller provides a high uniformity of water application. Distribution of the water is very even.

### **Versatility:**

irrigate a very wide range of crops and will operate on extremely undulating terrain.

### **Ability To Work Around Obstructions:**

The travellers are compact units and can operate around power poles, trees or buildings with no problem.

**Easy To Use:** The travellers are uncomplicated and easy to operate.

**Long Life & Simple Maintenance:** The units are built from long life components and require a minimum of maintenance.

**Designed & Manufactured in Australia:** Trailco Traveller is designed and manufactured in Australia and is backed by an Australian wide dealer network for sales and service.

PERFORMANCE TABLE		TRAILCO T250-2 TRAVELLER																							
SPRINKLER	Nozzle Diameter		Sprinkler Pressure		Output		Wetted Width		Approx. Lane Spacing	200 METRE (10 CHN) RUN				300 METRE (15 CHN) RUN				400 METRE (20 CHN) RUN							
	mm ins		kPa PSI		l.p.s. GPM		m ft.			Full Circle Precipitation Rate (avg.)		Approximate area per run		Gross Application		Approximate area per run		Gross Application		Approximate area per run		Gross Application			
										mmph p.p.h		ha Ac		11 Hour Run		22 Hour Run		11 Hour Run		22 Hour Run		11 Hour Run		22 Hour Run	
														mm ins		mm ins		ha Ac		mm ins		mm ins		mm ins	
NELSON	18.0 0.71		414 60 483 70		5.15 68 6.06 80		69 228 72 237		45 148	5.6 22.0	0.90 2.23	22.6 0.89	45.1 1.78	1.36 3.35	15.0 0.59	30.1 1.18	1.81 4.46	11.3 0.44	22.6 0.89	18.8 4.64	11.2 0.44	22.3 0.88			
	19.5 0.77		414 60 483 70		6.06 80 6.59 87		71 232 74 243		46 151	6.3 25.0	0.92 2.27	26.1 1.03	52.2 2.06	1.38 3.41	17.4 0.69	34.8 1.37	1.84 4.54	13.1 0.51	26.1 1.03	1.93 4.76	13.6 0.53	27.1 1.07			
	20.6 0.81		414 60 483 70		6.97 92 7.43 98		72 237 77 252		47 154	7.0 27.5	0.94 2.32	29.4 1.16	58.8 2.31	1.41 3.48	19.6 0.77	39.2 1.54	1.88 4.64	14.7 0.58	29.4 1.16	19.6 0.77	39.3 1.55	2.00 4.93	29.5 1.16		
	21.8 0.86		414 60 483 70		7.88 104 8.56 113		77 252 81 267		50 164	7.0 27.5	1.00 2.47	31.3 1.23	62.5 2.46	1.50 3.70	20.8 0.82	41.7 1.64	2.00 4.93	15.6 0.62	31.3 1.23	2.12 5.23	16.0 0.63	32.0 1.26			
SR100R	22.7 0.89		414 60 483 70		8.94 118 9.63 127		80 262 86 281		52 170	7.3 28.9	1.04 2.57	34.1 1.34	68.2 2.69	1.56 3.85	22.7 0.90	45.5 1.79	2.08 5.13	17.1 0.67	34.1 1.34	2.28 5.50	17.1 0.67	34.2 1.35			
	23.6 0.93		414 60 483 70		10.38 137 11.22 148		81 267 87 286		53 174	8.2 32.3	1.06 2.61	38.9 1.53	77.7 3.06	1.59 3.92	25.9 1.02	51.8 2.04	2.12 5.23	19.4 0.76	38.9 1.53	26.1 1.03	52.3 2.06	2.27 5.60			
	24.5 0.96		414 60 483 70		11.60 153 12.51 165		83 272 89 291		54 177	8.8 34.8	1.08 2.66	42.6 1.68	85.2 3.36	1.62 3.99	28.4 1.12	56.8 2.24	2.16 5.33	21.3 0.84	42.6 1.68	28.6 1.13	57.3 2.26	2.31 5.70			
	21.8 0.86		483 70 552 80		7.58 100 8.11 107		80 262 83 272		52 170	6.2 24.5	1.04 2.57	28.9 1.14	57.8 2.28	1.56 3.85	19.3 0.76	38.6 1.52	2.08 5.13	14.5 0.57	28.9 1.14	19.9 0.78	39.7 1.56	2.16 5.33			
SR150R	24.6 0.97		483 70 552 80		9.78 129 10.38 137		86 281 89 291		56 183	7.0 27.5	1.11 2.75	34.8 1.37	69.6 2.74	1.67 4.13	23.2 0.91	46.4 1.83	2.23 5.50	17.4 0.68	34.8 1.37	23.8 0.94	47.5 1.87	2.31 5.70			
	27.4 1.08		483 70 552 80		12.43 164 13.27 175		97 301 94 310		60 196	7.7 30.4	1.19 2.95	41.3 1.62	82.5 3.25	1.79 4.42	27.5 1.08	55.0 2.17	2.39 5.89	20.6 0.81	41.3 1.62	28.6 1.13	57.3 2.26	2.46 6.07			
	30.0 1.18		483 70 552 80		15.47 204 16.45 217		98 320 101 330		63 208	8.5 33.5	1.27 3.13	42.8 1.68	85.6 3.37	1.84 4.55	28.5 1.12	57.0 2.25	2.46 6.07	21.4 0.84	42.8 1.68	32.2 1.27	64.4 2.54	2.54 6.27			
	32.0 1.26		483 70 552 80		18.65 246 19.86 262		104 340 106 349		67 221	9.1 35.8	1.35 3.33	54.8 2.16	109.6 4.32	2.02 4.99	36.5 1.44	73.1 2.88	2.69 6.66	27.4 1.08	54.8 2.16	37.9 1.49	75.8 2.99	2.77 6.83			
21°	34.0 1.34		483 70 552 80		22.44 296 24.03 317		108 354 112 369		70 230	10.1 39.7	1.40 3.47	63.4 2.49	126.7 4.99	2.10 5.20	42.2 1.66	84.5 3.33	2.81 6.93	31.7 1.25	63.4 2.49	43.4 1.71	86.8 3.42	2.92 7.23			
										9.9 39.1	1.46 3.61	65.1 2.56	130.2 5.12	2.19 5.42	43.4 1.71	86.8 3.42	2.92 7.23	32.5 1.28	65.1 2.56						

NOTE: APPROXIMATE LANE SPACINGS CALCULATED USING 0.65 WIND FACTOR, (65% OF THE WETTED WIDTH/SPRINKLER DIAMETER) MINIMUM WARRANTED PULL... AT 582kPa (70psi) ... UP TO 12460N (2800lbs) PULL. Sprinkler performance is based on the M 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.

### FEATURES:

- 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.
- Compact Concept** with very short turning circle for easier handling, mounted on four wheels for stability.
- 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.
- Wide Wheel Track & High Clearance** to suit average row crop spacings and high ground clearance for reduced crop damage.
- Cable Drum Rewind Handle** for easy cable retrieval on an aborted run and to take up slack cable prior to start-up.
- 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.
- Hose Side Lay 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.
- 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.

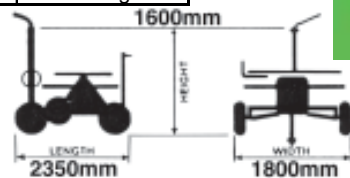
### OPTIONAL EXTRAS:

- Sprinkler tilt Coupling** designed to assist in combating the effects of wind by varying trajectory angle of sprinkler.
- P.T.O. Driven Hose Purge Kit** – 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 (Standard on T250-2 with 76x200m Hose).
- Bolt on Rear Wheel Brakes** – for conditions where sprinkler over-run is a problem. The brakes release automatically when hose drag is sufficient. Allows the machine to start at the end of the travel path with the hose turned neatly behind the tyres, eliminating the need for a long anchor loop.

MODEL	HOSE SIZE	SPRAY RUN	WEIGHT without Hose or Sprinkler
T250-2-5	63.5mm (2.5") x 100m	200m	450kg
T250-2-5	76mm (3") x 100m	200m	484kg
T250-2-7.5	63.5mm (2.5") x 150m	300m	494kg
T250-2-7.5	76mm (3") x 150m	300m	510kg
T250-2-10	63.5mm (2.5") x 200m	400m	504kg
T250-2-10	76mm (3") x 200m	400m	568kg



SOLD AND SERVICED BY:



### TRAILCO IRRIGATION (AUST.)

ABN 35 480 117 190  
1289 KINGSFORD SMITH DRIVE  
PINKENBA QLD. 4008  
Phone (07) 3260 1828 Fax (07) 3260 1877  
International Callers: Country (61) Area (7)  
www.trailco.com.au sales@trailco.com.au