

TRAILCO®

T250-2 TRAVELLER



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



Extreme Versatility: The travellers will irrigate a very wide range of crops and will operate 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.

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	Full Circle Precipitation Rate (avg.)		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.		m/mph	p.p.h	Approximate area per run		Gross Application				Approximate area per run		Gross Application										
												ha	Ac	11 Hour Run	22 Hour Run	mm	ins	ha	Ac	11 Hour Run	22 Hour Run	mm	ins	ha	Ac	11 Hour Run	22 Hour Run			
NELSON	18.0	0.71	414	60	5.15	68	69	228	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
	19.5	0.77	414	60	6.06	80	71	232	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	4.64	13.1	0.51	26.1	1.03
	20.6	0.81	414	60	6.97	92	72	237	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
SR100R	18.0	0.71	483	70	5.30	70	72	237	47	154	5.3	20.9	0.94	2.32	22.3	0.88	44.7	1.76	1.41	3.48	14.9	0.59	29.8	1.17	1.88	4.64	11.2	0.44	22.3	0.88
	19.5	0.77	483	70	6.59	87	74	243	48	158	6.3	24.8	0.96	2.38	27.1	1.07	54.2	2.13	1.44	3.57	17.1	0.71	36.1	1.42	1.93	4.76	13.6	0.53	27.1	1.07
	20.6	0.81	483	70	7.43	98	77	252	50	164	6.6	26.0	1.00	2.47	29.5	1.16	58.9	2.32	1.50	3.70	19.6	0.77	39.3	1.55	2.00	4.93	14.7	0.58	29.5	1.16
21°	21.8	0.86	414	60	7.88	104	77	252	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
	22.7	0.89	483	70	8.56	113	81	267	53	174	6.8	26.6	1.06	2.61	32.0	1.26	64.1	2.52	1.59	3.92	21.4	0.84	42.7	1.68	2.12	5.23	16.0	0.63	32.0	1.26
	23.6	0.93	414	60	8.94	118	80	262	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
NELSON	21.8	0.86	483	70	9.78	129	86	281	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
	24.6	0.97	483	70	12.51	148	87	286	57	186	7.7	30.4	1.13	2.80	39.2	1.54	78.4	3.09	1.79	4.20	25.9	1.02	51.8	2.04	2.12	5.23	19.4	0.76	39.2	1.54
	27.4	1.08	483	70	15.47	170	98	320	63	208	8.5	33.5	1.27	3.13	48.3	1.90	96.6	3.80	1.90	4.70	32.2	1.27	64.4	2.54	2.54	6.27	24.2	0.95	48.3	1.90
SR150R	21.8	0.86	552	80	7.58	100	80	262	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
	24.6	0.97	552	80	8.11	107	83	272	54	177	6.2	24.3	1.08	2.66	29.8	1.17	59.6	2.35	1.62	3.99	19.9	0.78	39.7	1.56	2.16	5.33	14.9	0.59	29.8	1.17
	30.0	1.18	483	70	12.43	164	92	301	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
21°	32.0	1.26	483	70	15.47	204	98	320	63	208	8.5	33.5	1.27	3.13	48.3	1.90	96.6	3.80	1.90	4.70	32.2	1.27	64.4	2.54	2.54	6.27	24.2	0.95	48.3	1.90
	34.0	1.34	483	70	18.65	246	104	340	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	2.82	2.69	6.66	27.4	1.08	54.8	2.16
	34.0	1.34	552	80	19.86	262	106	349	69	227	9.2	36.2	1.38	3.42	56.9	2.24	113.7	4.48	2.07	5.13	37.9	1.49	75.8	2.99	2.77	6.83	28.4	1.12	56.9	2.24

NOTE:- APPROXIMATE LANE SPACINGS & GROSS APPLICATION CALCULATED USING 0.65 WIND FACTOR, (65% OF THE WETTED WIDTH/SPRINKLER DIAMETER) MINIMUM WAHARRANTED PULL ... AT 582kPa (70psi) ... UP TO 12460m (28000lbs) PULL
 * 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.

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 Dragmaster Irrigation 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.

MODELS AVAILABLE: TRAILCO T250-2			
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

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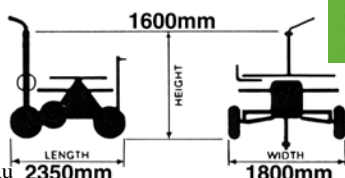
TRAILCO IRRIGATION (AUST.)
 ABN 35 480 117 190

1289 KINGSFORD SMITH DRIVE
 PINKENBA QLD. 4008

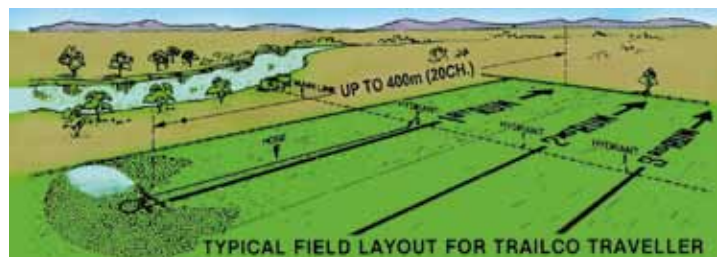
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