

TRAILCO

T300-2 TRAVELLER



FOR USE WITH ANGUS HOSES:
76mm (3") x 150m & 200m
90mm (3.5") x 150m & 200m
102mm (4") x 150m



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.

SPRINKLER		TRAILCO T300-2 TRAVELLER																						
		Nozzle Dia.		Sprinkler Pressure		Output		Wetted Width		Approx. Lane Spacing		Full Circle Precipitation Rate (avg.)		300 METRE (15 CHN) RUN				400 METRE (20 CHN) RUN						
		mm	ins	kPa	PSI	l.p.s	GPM	m	ft.	m	ft.	mmph	p.p.h	Approx. area per run		Gross Application		Approx. area per run		Gross Application				
														ha	Ac	11 Hour Run	22 Hour Run	ha	Ac	11 Hour Run	22 Hour Run			
NELSON	21.8	0.86	483	70	7.58	100	80	262	52	170	6.2	24.5	1.56	3.85	19.3	0.76	38.6	1.52	2.08	5.13	14.5	0.57	28.9	1.14
			552	80	8.11	107	83	272	54	177	6.2	24.3	1.62	3.99	19.9	0.78	39.7	1.56	2.16	5.33	14.9	0.59	29.8	1.17
			483	70	9.78	129	86	281	56	183	7.0	27.5	1.67	4.13	23.2	0.91	46.4	1.83	2.23	5.50	17.4	0.68	34.8	1.37
SR150R	24.6	0.97	552	80	10.38	137	89	291	58	189	6.9	27.2	1.73	4.27	23.8	0.94	47.5	1.87	2.31	5.70	17.8	0.70	35.6	1.40
			483	70	12.43	164	92	301	60	196	7.7	30.4	1.79	4.42	27.5	1.08	55.0	2.17	2.39	5.89	20.6	0.81	41.3	1.62
			552	80	13.27	175	94	310	61	202	7.8	30.6	1.84	4.55	28.5	1.12	57.0	2.25	2.46	6.07	21.4	0.84	42.8	1.68
21°	30.0	1.18	483	70	15.47	204	98	320	63	208	8.5	33.5	1.90	4.70	32.2	1.27	64.4	2.54	2.54	6.27	24.2	0.95	48.3	1.90
			552	80	16.45	217	101	330	65	215	8.5	33.5	1.96	4.85	33.2	1.31	66.4	2.62	2.62	6.46	24.9	0.98	49.8	1.96
			483	70	18.65	246	104	340	67	221	9.1	35.8	2.02	4.99	36.5	1.44	73.1	2.88	2.69	6.66	27.4	1.08	54.8	2.16
21°	32.0	1.26	552	80	19.86	262	106	349	69	227	9.2	36.2	2.07	5.13	37.9	1.49	75.8	2.99	2.77	6.83	28.4	1.12	56.9	2.24
			483	70	22.44	296	108	354	70	230	10.1	39.7	2.10	5.20	42.2	1.66	84.5	3.33	2.81	6.93	31.7	1.25	63.4	2.49
			552	80	24.03	317	112	369	73	240	9.9	39.1	2.19	5.42	43.4	1.71	86.8	3.42	2.92	7.23	32.5	1.28	65.1	2.56
21°	35.8	1.41	483	70	26.23	346	112	369	73	240	10.9	42.7	2.19	5.42	47.4	1.86	94.7	3.73	2.92	7.23	35.5	1.40	71.0	2.80
			552	80	28.13	371	117	383	76	249	10.8	42.5	2.28	5.63	48.9	1.93	97.9	3.85	3.04	7.50	36.7	1.44	73.4	2.89
			483	70	31.35	407	122	399	79	259	11.0	39.2	2.37	5.86	47.0	1.85	93.9	3.70	3.16	7.81	35.2	1.39	70.5	2.77
NELSON	32.8	1.29	552	80	18.35	242	107	351	70	228	8.4	33	2.09	5.16	34.8	1.37	69.7	2.74	2.78	6.87	26.1	1.03	52.2	2.06
			621	90	19.56	258	110	361	72	235	8.5	33.3	2.15	5.30	36.1	1.42	72.2	2.84	2.86	7.07	27.1	1.07	54.2	2.13
			483	70	24.03	317	116	380	75	247	9.4	36.9	2.26	5.58	42.1	1.66	84.3	3.32	3.01	7.44	31.6	1.24	63.2	2.49
SR200R	37.1	1.46	621	90	25.55	337	120	394	78	256	9.3	36.5	2.34	5.79	43.2	1.70	86.4	3.40	3.12	7.72	32.4	1.28	64.8	2.55
			552	80	28.13	371	122	399	79	259	10.0	39.2	2.37	5.86	47.0	1.85	93.9	3.70	3.16	7.81	35.2	1.39	70.5	2.77
			621	90	30.03	396	126	413	82	268	9.9	39.1	2.45	6.07	48.4	1.91	96.9	3.81	3.27	8.09	36.3	1.43	72.7	2.86
21°	39.6	1.56	552	80	32.53	429	127	418	83	272	10.5	41.3	2.48	6.14	51.9	2.04	103.7	4.08	3.31	8.19	38.9	1.53	77.8	3.06
			621	90	34.42	454	132	432	86	281	10.4	40.9	2.57	6.34	53.1	2.09	106.2	4.18	3.42	8.46	39.8	1.57	79.6	3.13
			483	70	36.23	479	137	446	89	291	11.0	42.7	2.66	6.66	56.4	2.21	111.4	4.44	3.54	8.94	41.7	1.64	83.7	3.31

NOTE: APPROXIMATE LANE SPACINGS CALCULATED USING .65 WIND FACTOR, (65% OF THE WETTED WIDTH/SPRINKLER DIAMETER). MINIMUM WARRANTED PULL ... AT 55 kPa (80psi) ... UP TO 2175 kg (4800lbs) 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.

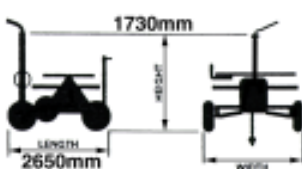
FEATURES:

- **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.
- **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.
- **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.
- **Hose Reel** – Specially constructed spool, built with flat base for maximum hose protection and longer hose life.
- **P.T.O. 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.

- **Angus Premium Hi-Flow Hose**, top quality irrigation hose which carries a 10 year warranty.
- **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.
- **Hose Side Lay Arm** - lays hose to either side of laneway, well outside travel path of irrigator.
- **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.
- **Cable Drum Brake** – prevents over-run and possible damage when towing out cable.
- **Longer Life** – All main parts galvanised or plated for maximum protection.
- **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.
- **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.



SHIPPING DIMENSIONS			WEIGHT without Hose or Sprinkler
MODEL	HOSE DIA.	WIDTH	
T300-2-10	3"	1800mm	730kg
T300-2-10	3½"	1920mm	760kg
T300-2-7½	3½"	1920mm	730kg
T300-2-7½	4"	1920mm	750kg

TRAILCO IRRIGATION (AUST.) SOLD AND SERVICED BY:
 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