

TRAILCO®

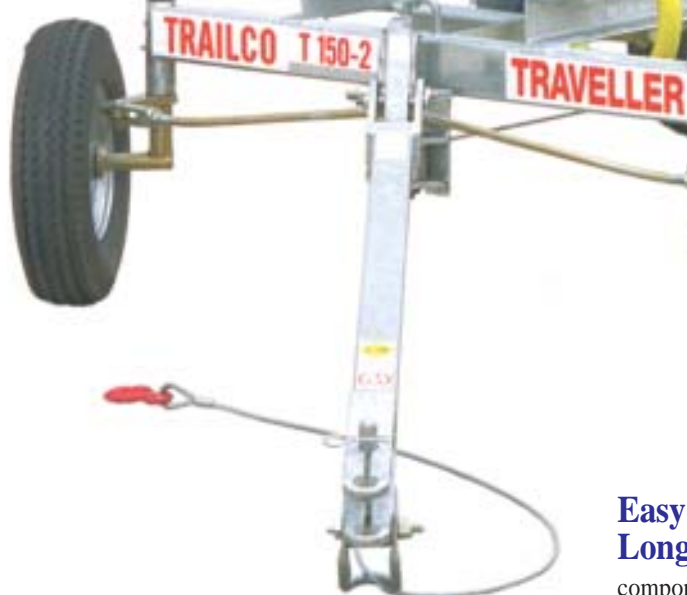
T150-2

TRAVELLER

FOR USE WITH ANGUS HOSE:
52mm (2") x 100m

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.

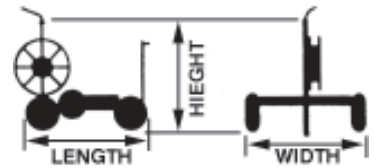
Ability To Work Around Obstructions: The travellers are compact units and can operate around power poles, trees or buildings with no problem.

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 T150-2 TRAVELLER																					
SPRINKLER	Nozzle Dia.		Sprinkler Pressure		Output			Wetted Width		Approx. Lane Spacing		Full Circle Precipitation Rate (avg.)		200 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								
													ha	Ac	5.5 Hour Run		11 Hour Run		22 Hour Run				
NELSON	8.7	11/32	414	60	1.70	22.5	46	152	30	99	4.2	16.4	0.60	1.49	5.6	0.22	11.2	0.44	22.4	0.88			
			483	70	1.80	23.8	49	160	32	104	4.0	15.6	0.63	1.57	5.6	0.22	11.3	0.44	22.5	0.89			
			552	80	1.92	25.4	51	166	33	108	3.9	15.5	0.66	1.63	5.8	0.23	11.6	0.46	23.2	0.91			
	9.5	3/8	414	60	1.99	26.2	48	158	31	103	4.5	17.7	0.63	1.55	6.3	0.25	12.6	0.49	25.1	0.99			
			483	70	2.14	28.3	51	166	33	108	4.4	17.3	0.66	1.63	6.5	0.25	12.9	0.51	25.8	1.02			
			552	80	2.30	30.3	52	172	34	112	4.4	17.2	0.68	1.68	6.7	0.26	13.3	0.53	26.7	1.05			
	10.3	13/32	414	60	2.34	30.9	51	166	33	108	4.8	18.8	0.66	1.63	7.0	0.28	14.1	0.55	28.2	1.11			
			483	70	2.53	33.4	52	172	34	112	4.8	19.0	0.68	1.68	7.4	0.29	14.7	0.58	29.4	1.16			
			552	80	2.70	35.6	55	180	36	117	4.7	18.5	0.71	1.76	7.5	0.29	15.0	0.59	30.0	1.18			
P85	11.1	7/16	414	60	2.68	35.4	52	172	34	112	5.1	20.1	0.68	1.68	7.8	0.31	15.6	0.61	31.2	1.23			
			483	70	2.88	38.0	55	180	36	117	5.0	19.7	0.71	1.76	8.0	0.31	16.0	0.63	32.0	1.26			
			552	80	3.11	41.0	57	186	37	121	5.1	19.9	0.74	1.82	8.3	0.33	16.7	0.66	33.4	1.31			
24°	11.9	15/32	414	60	3.06	40.4	54	178	35	116	5.4	21.4	0.71	1.74	8.6	0.34	17.2	0.68	34.4	1.35			
			483	70	3.31	43.7	57	186	37	121	5.4	21.2	0.74	1.82	8.9	0.35	17.8	0.70	35.6	1.40			
			552	80	3.55	46.8	59	194	38	126	5.3	20.9	0.77	1.90	9.1	0.36	18.3	0.72	36.5	1.44			
	12.7	1/2	414	60	3.47	45.8	56	184	36	120	5.8	22.7	0.73	1.80	9.4	0.37	18.8	0.74	37.7	1.48			
			483	70	3.76	49.6	59	192	38	125	5.7	22.6	0.76	1.88	9.8	0.39	19.6	0.77	39.1	1.54			
			552	80	4.02	53.1	61	200	40	130	5.7	22.3	0.79	1.96	10.1	0.40	20.1	0.79	40.2	1.58			
	13.5	17/32	414	60	3.89	51.4	58	190	38	124	6.1	23.9	0.75	1.86	10.2	0.40	20.5	0.81	41.0	1.61			
			483	70	4.22	55.7	60	198	39	129	6.1	23.9	0.78	1.94	10.7	0.42	21.3	0.84	42.6	1.68			
			552	80	4.52	59.7	63	206	41	134	6.0	23.6	0.82	2.02	11.0	0.43	21.9	0.86	43.9	1.73			
14.2	9/16	414	60	4.35	57.4	59	194	38	126	6.5	25.6	0.77	1.90	11.2	0.44	22.4	0.88	44.8	1.76				
		483	70	4.71	62.2	62	204	40	133	6.4	25.1	0.81	2.00	11.5	0.45	23.1	0.91	46.2	1.82				
		552	80	5.05	66.6	65	212	42	138	6.3	24.9	0.84	2.08	11.9	0.47	23.8	0.94	47.6	1.87				
15.8	5/8	414	60	5.29	69.8	63	206	41	134	7.0	27.6	0.82	2.02	12.8	0.51	25.7	1.01	51.3	2.02				
		483	70	5.71	75.4	65	214	42	139	7.0	27.7	0.85	2.10	13.3	0.53	26.7	1.05	53.4	2.10				
		552	80	6.11	80.7	68	222	44	144	7.0	27.5	0.88	2.17	13.8	0.54	27.5	1.08	55.1	2.17				
17.5	11/16	414	60	6.37	84.1	65	212	42	138	8.0	31.4	0.84	2.08	15.0	0.59	30.0	1.18	60.1	2.37				
		483	70	6.88	90.8	67	220	44	143	8.0	31.5	0.87	2.15	15.6	0.61	31.2	1.23	62.5	2.46				
		552	80	7.32	96.6	70	230	46	150	7.8	30.7	0.91	2.25	15.9	0.63	31.8	1.25	63.6	2.50				
NELSON SR100R 21°	18.0	0.71	414	60	5.15	68.0	69	228	45	148	5.6	22.0	0.90	2.23	11.3	0.44	22.6	0.89	45.2	1.78			
			483	70	5.53	73.0	72	237	47	154	5.5	21.8	0.94	2.32	11.7	0.46	23.3	0.92	46.6	1.84			
			552	80	6.06	80.0	71	232	46	151	6.3	25.0	0.92	2.27	13.1	0.51	26.1	1.03	52.2	2.06			
	19.5	0.77	483	70	6.59	87.0	74	243	48	158	6.3	24.8	0.96	2.38	13.6	0.53	27.1	1.07	54.2	2.13			
			552	80	7.11	94.0	73	237	47	154	7.0	27.5	0.94	2.32	14.7	0.58	29.4	1.16	58.8	2.31			
			483	70	7.43	98.0	77	252	50	164	6.6	25.9	1.00	2.47	14.7	0.58	29.5	1.16	58.9	2.32			



SHIPPING DIMENSIONS TRAILCO T150-2	
Length	2400mm
Width	1320mm
Height	2000mm
Weight without Hose or Sprinkler	250kg

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 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.

- **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 Reel** - Specially constructed spool, for maximum hose protection and longer hose life.
 - **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:
- **7.5 Ratio Hand Wind Hose Reel** - The Hose Reel is driven by crank and chain for retrieving the hose.
 - **PTO Rewind Hose Reel** - The Hose Reel is PTO driven for retrieving the hose, PTO shaft permanently attached to the irrigator.
 - **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.



TRAILCO IRRIGATION (AUST.)

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