

TRAILCO®



T300 TURBO TRAVELLER

- * 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

T400 TURBO TRAVELLER



TRAILCO TRAVELLING IRRIGATORS

T300 TURBO & T400 TURBO TRAVELLERS

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: The travellers can easily be operated by one man and the labour consists mainly 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.

- **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.
- **Wide Wheel Track and High Clearance** - Wide wheel track to suit average row crop spacings and high ground clearance for reduced crop damage.
- **Tachometer** - Fitted to Turbine for ease of setting Travel Speed.
- **Clutch** - When pulling out cable, the Turbine Drive is disengaged by means of a Dog Clutch (No Gear & Reduction Boxes turning). Saving on wear to Gears. Meaning longer operating life.
- **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.
- **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.

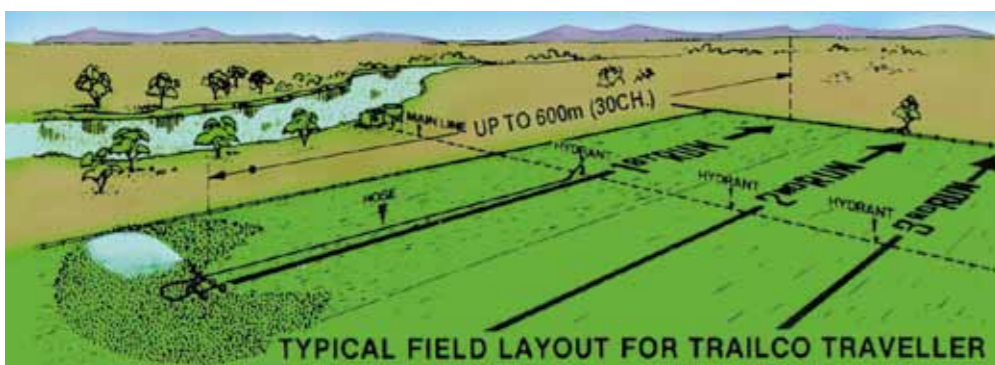
- **Easy to service** - All serviceable parts conveniently located for ease of maintenance and adjustments.
- **Pressure Gauge** - Sprinkler fitted with high quality liquid filled pressure gauge.

OPTIONAL EXTRAS:

- **Sprinkler tilt Coupling** - designed to assist in combating the effects of wind by varying trajectory angle of sprinkler.



T400 TURBO with Optional Double Deck Hosereel



TYPICAL FIELD LAYOUT FOR TRAILCO TRAVELLER



Trailco Turbo Drive :

- The turbine drive provides the Power to pull the Turbo Traveller & Hose along the cable in tough conditions.
- The power is developed as a result of water flow, not pressure, which can allow the Turbo Traveller to operate at low pressures, saving on energy costs.
- The Turbine has few moving parts to wear, less to go wrong. Simple and easy to use.
- Four Speed Automotive type Gear Box coupled to the turbine provides the Turbo Traveller with a wide range of travel speeds to suit your particular crop water requirements.
- The volume of water entering the Turbine is controlled by a Diverter Valve, which when used with the Four Speed Gearbox, provides the Turbo Traveller with Infinite range of travel speeds to suit differing crop water requirements.
- No Filters required for the Turbine Drive.
- No exhaust water from the Turbine Drive, all water is distributed through the Sprinkler.



T300 TURBO

HOSE OPTIONS

| Hose(s) | Run Length |
|---------------|-------------|
| 3" x 150m | 300m (15Ch) |
| 3 1/2" x 150m | 300m (15Ch) |
| 4" x 150m | 300m (15Ch) |
| 3" x 200m | 400m (20Ch) |
| 3 1/2" x 200m | 400m (20Ch) |



T400 TURBO

HOSE OPTIONS

| Hose(s) | Run Length |
|--|-------------|
| 4" x 200m | 400m (20Ch) |
| 4 1/2" x 200m | 400m (20Ch) |
| 4" x 300m | 600m (30Ch) |
| 4 1/2" x 300m | 600m (30Ch) |
| 4" Double Decker Hosereel x 200m & 4" x 100m | 600m (30Ch) |
| 4 1/2" Double Decker Hosereel 4 1/2" x 200m & 4 1/2" x 100m | 600m (30Ch) |

