

# TRAILCO<sup>®</sup>

## SIDEROLL



**LATERAL ROLL SYSTEM ON A HAND-LINE SCALE.  
GALVANIZED - FOR LONGER LIFE.  
RELIABLE BRIGGS & STRATTON ENGINE.  
EFFICIENT HYDRAULIC DRIVE.  
LOW INITIAL INVESTMENT.  
LOW MAINTENANCE COSTS.  
UNIFORM WATER COVERAGE.**



OPTIONAL OPERATOR  
STAND - ENABLES  
OPERATOR TO STAND  
ON MACHINE WHILE IT  
IS MOVING.

SPRINKLER LEVELLERS -  
ENSURE SPRINKLERS ARE  
ALWAYS IN THE CORRECT  
ORIENTATION



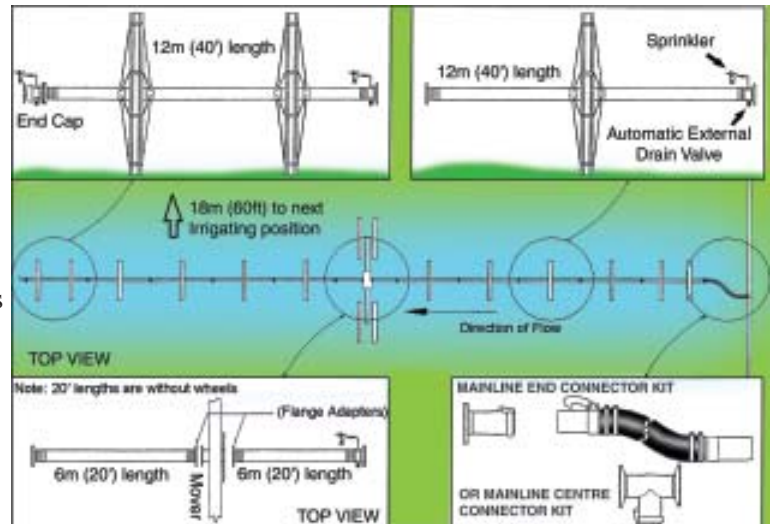
# TRAILCO - *The right solution for your crop*

The sideroll system is, essentially, a hand-line system on wheels that is moved from row to row by a petrol powered Briggs & Stratton engine.

The wheel line system is set up in your field. You irrigate for a predetermined length of time. To move the line, disconnect the water, allow to drain. Start up the Briggs & Stratton engine, and move the system, typically 18m (60ft) increments. Then simply connect water back into the system. Turn it on. Run for another watering cycle.

Typical settings for the lateral roll system are 8, 12 and 24 hours. But it is possible to have any length of time you desire. It normally takes about half an hour to complete each move.

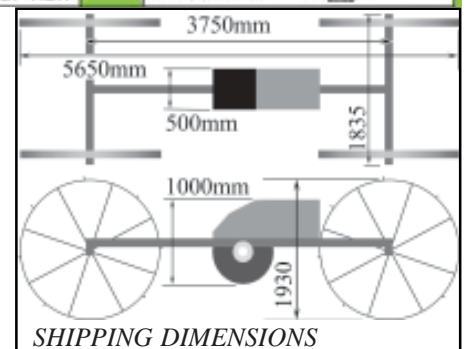
- **Low labour requirements** – Typical installation (3 moves a day) uses 1½ hours labour per day. No special know-how required.
- **Low initial investment** – Costs less than linear or centre pivot.
- **Low operating costs** – Operates on low water pressure. System utilises standard impact sprinkler heads that can operate from 40-60 psi. This cuts pumping requirements, thus cutting power costs.
- **Low maintenance costs** – Virtually maintenance free, uses standard sprinkler heads and a Briggs & Stratton engine that operates about 10 minutes per move.
- **Designed for crop clearances of 3 feet** – Ideal for row crops, hay, lucerne, pasture, potatoes, carrots, peanuts, sorghum, soybeans, cotton, etc.
- **Gives uniform water coverage** – because of close sprinkler spacing, so water is less affected by wind.
- **Irrigates entire field** – because it doesn't miss corners.



The lateral roll system is moved from setting to setting by a hydraulic power mover featuring a dependable 7hp Briggs & Stratton engine.

The engine powers a hydraulic pump that is connected to a hydraulic control valve that allows the machine to go forward or backward simply by moving a single lever.

This in turn powers the high torque low speed hydraulic motors that operate the chain drive that moves the line.



## Torque coupler design

This quick disconnect coupler is recognized as the highest quality coupler in the market, assuring years of reliable maintenance free operation.

The quick disconnect coupler features a gear-tooth face and a male insert which is sealed by a self-draining gasket.



## Double Draining

The Sideroll line drains faster due to the Double Draining. It drains through the gasket no matter in what position the line stops. It also drains through an automatic external drain valve that screws into the bottom of the coupler.



**Roll-formed galvanized steel rims**, available in 18 gauge, for maximum strength. Made even stronger with 3/8" diameter zinc plated spokes. Wheel size of 76" diameter. The sprinkler pipe is a 5"x 12m (40ft) heavy wall aluminium irrigation pipe.

## TRAILCO IRRIGATION (AUST.)

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