



# Irrigation Systems

The choice is simple.





T-L is a major manufacturer of hydraulically powered pivot irrigation systems that undergo thousands of hours of product research and testing for quality and performance. T-L's plant encompasses more than 40 acres, 16 buildings, plus a state-of-the-art galvanizing plant and tubing mill.



T-L Home Office at Hastings, NE

Experience and Dedication Since 1955.

Conventional Pivot Systems





Corner Systems



Quick Tow Systems



Four Wheel Towable  
Pivot Systems



Two and Four Wheel Linear  
Systems



# Power

T-L's hydrostatic drive offers many features not available on electric pivots. Unlike the stop-and-go action of electric models, each tower on a T-L system moves continuously. This is especially beneficial on low-pressure systems where uniform water application is critical for irrigation-applied fertilizer, herbicides and pesticides. Chances of a T-L tower getting stuck are reduced because of the improved traction that continuous movement provides on wet, rough terrain. A constant, smooth rate of travel also reduces wear on all drive components, while eliminating the wasteful power surge required to get a stopped tower moving again.

There is no wasted horsepower with a T-L because the power required to run the pump varies directly with the rotation time of the pivot. All T-L Irrigation Systems utilize non-toxic Hydroclear™ hydraulic fluid with an additive package specially designed to provide superior wear protection. The filtered hydraulic system assures long life.



Pivot point available with hydraulic swivel or wrap hoses. Inset photo shown with collector ring and strobe light.

## Power Sources

A T-L hydraulic pump can be powered by any convenient power source.



Belt Drive



Electric Motor  
Single or 3-Phase



Engine







# ement.

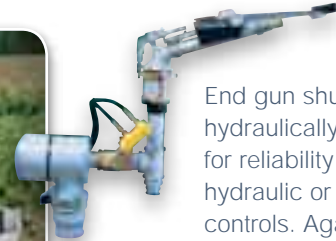
T-L has options for any field, any crop.



Auto End Gun Booster



Auto End Gun Shutoff



End gun shutoffs are hydraulically actuated for reliability with either hydraulic or electric pivot controls. Again, simplicity of design is superior.



Automatic Reverse

Ideal for systems where field obstructions prevent a full 360° operation.



Position Stop

Stop your pivot at any degree of the circle with T-L's optional position stop.



Choice of pipe materials and sizes

Galvanized: 5", 6 5/8", 8", and 10",  
Stainless Steel: 6 5/8" and 8 5/8"  
Aluminum: 6" and 8"

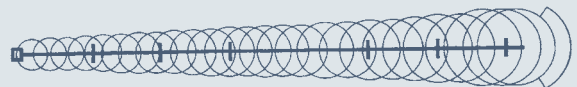


Tire Options

11.2 x 38  
16.9 x 24  
14.9 x 24  
Recap  
11.2 x 24

## T-L Water Patterns

High pressure impact sprinklers



Medium pressure impact sprinklers



Low pressure rotating, spinning or wobbling sprinklers



Low pressure spray nozzles



Choose from high, medium, low pressure, LEPA or modified LEPA (Precision Mobile Drip Irrigation) sprinkler packages and rest assured you'll get the best water uniformity with T-L's continuous system movement.

