Here’s what T-L owners are saying.

“Eliminate the “spoking” effect caused by the start-stop operation of electrically-powered pivot irrigation systems and get the benefits of even water distribution and maintenance cost savings. Recover your lost production with T-L.”

Electric Center Pivot T-L

T-L is the 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, 18 buildings, a state-of-the-art galvanizing plant, and tubing mill.

The Choice is Simple.

“Of all the irrigation methods I have worked with; drip, sprinklers, and pivots, pivots are the most effective and lowest cost.” – Tamer Semida, Egypt

There’s No Time or Water to Waste

“With the T-L, we don’t have to worry about all the copper wire being stolen during the night. When we go to start up a T-L system, it starts!” – Dave and Eddie Carmichael, Laurinburg, North Carolina

“I hit the Button and It Works”

“With T-L, we don’t have to waste time shuttling back and forth between the center pivot to the control panel and back again. Down the value of the money! – Dan and Susan Whitlock, Adams, Nebraska

“The T-L is an amazing system!”

“I love the simplicity of the unit. I love the way the T-L machines move continuously for nice, even water application.” – Dan Mercer, Gibbon, Nebraska

“I know they will, because that has certainly been the case in the past.” – Darren and Garrett Stallwitz, Dumas, Texas

“T-L is a trusted name in the irrigation industry. It’s the name we count on when we need it.” – B.J. Nelson, Laramie, Wyoming

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Here’s what T-L owners are saying:

"Our three electric center pivot irrigation units will give me more trouble this year and take up more of my time than all 13 of our T-L units combined. I just know they will, because that has certainly been the case in the past." – Darren and Garrett Stallwitz, Dumas, Texas

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T-L Irrigation Company
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Here’s what T-L owners are saying.

There’s No Time Or Water to Waste

“Our three electric center pivot irrigation units will give me more trouble this year and take up more of my time than all 13 of our T-L units combined. I just know they will, because that has certainly been the case in the past.” – Darren and Garrett Stallwitz, Dumas, Texas

“We have to get our center pivot systems running on the farm in September. The last three units we’ve bought have all been T-L models. We just like the way the T-L machines move continuously for nice, even water application.” – Dan Mercer, Gibbon, Nebraska

“That’s when our 投资 comes back on the farm. We thought we’d make a good return on our investment. We keep all our copper wire being stolen during the night. When we go to start up a T-L system, it starts!” – Dave and Eddie Carmichael, Laurinburg, North Carolina

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Irrigation Systems
The Choice is Simple.

“With extra minutes per revolution and zero malfunctions, the electric control box will not affect your system. It has an enamel coating, which is more resistant to rust than any coating on the market.” – Darrell and Everton Seale, Union, Mississippi

“When we go to start up a T-L system, it starts!”

“Center Pivot Technology that Works!”

There’s No Time or Water to Waste

“Out of the four competitive brands I have tried each with their own pros and cons, T-L is the most effective and efficient.” – David Thompson, Slim Butts, Florida

“T-L is the manufacturer of hydraulically powered pivot irrigation systems that undergo thousands of hours of product research and testing for quality and performance. In 70 years of operation, over 40,000 pivot irrigation systems totaling in excess of 40,000 acres are operating in Arizona, California, Colorado, Idaho, Montana, Nebraska, New Mexico, North Dakota, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.”

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Hydrostatic Drive

T-L Hydrostatic Drive is perfectly suited for an uphill or downhill pivot demanding a zero turn radius. This proven system offers the operator a more efficient and comfortable driving experience. The hydrostatic drive system is equipped with a unique efficiency-boosting feature, called the Auto End Gun Shut-Off. This feature stops the pivot motor and lower end gun when the tower is lifted above the pivot's center line, minimizing pumping costs while providing additional stability. The Auto End Gun Shut-Off is set to shut off at an angle of 20 degrees. When repositioning your pivot, simply lower the tower to below the pivot center line and the pivot motor and end gun will automatically resume operation. The Auto End Gun Shut-Off can be activated during either manual or remote control operation. To activate, simply lift the tower to the Auto End Gun Shut-Off position, and the system will automatically shut off. To re-enable the system, simply lower the tower below the pivot center line, and the pivot motor and end gun will automatically resume operation. The Auto End Gun Shut-Off feature is available on all electric models, each tower on a T-L system moves on electric pivots. Unlike the stop-and-go action of gas or diesel engines, the T-L Hydrostatic Drive system maintains continuous movement and reliability, while providing additional stability on low-pressure systems. This is especially beneficial on low-pressure applications, such as vegetable and turf production. The Auto End Gun Shut-Off can be set to shut off at any angle from 10 to 70 degrees, allowing for customization based on specific application needs.

Management Control Options

- Manual Speed and Direction Control
- Drive System Options
- Simple and Reliable Alignment Control
- Value Added Options from T-L

Drive System Options

Choose from two types of hydrostatic drives: valve or pump. This allows the customer to choose the maximum efficiency of the pivot. Two electric options are available: an electric valve drive, which actuates for reliability with either a T-L Pump/Valve Manager or a T-L End Gun Shut-Off. The other electric option is a T-L Pump/Valve Manager with a T-L End Gun Shut-Off. The T-L Pump/Valve Manager is a hydraulic control system that is specifically designed to provide the best performance and water usage efficiency. It is available in two speeds: one for high-pressure applications and one for low-pressure applications.

Simple and Reliable Alignment Control

T-L’s alignment system is available through the use of a 360-degree rear wheel. The alignment system shows the actual location of the pivot. This feature is especially beneficial for ease of use when maintaining center row placement and simplicity of operation. The alignment system is also valuable for the Tear Down and Storage operation. This feature allows the operator to easily place the pivot into the storage position with the rear wheel and the steering wheel. The Tear Down and Storage operation is especially beneficial on low-pressure applications, such as vegetable and turf production.

Value Added Options from T-L

- Auto End Gun Shut-Off
- Automatic steering
- Remote control speed and direction
- Remote control

Remote control speed and direction is available for systems where field conditions may require precise movement. This feature is especially beneficial on low-pressure applications, such as vegetable and turf production. The remote control speed and direction can be set to shut off at any angle from 10 to 70 degrees, allowing for customization based on specific application needs.

Power Sources

A T-L hydraulic pump can be powered by any convenient power source. This allows for flexibility in power supply, ensuring the system can be operated in a variety of environments.

Continuous movement is a feature available on all hydraulic models, allowing for continuous movement and reliability. This feature is especially beneficial on low-pressure applications, such as vegetable and turf production. The continuous movement system is available in two speeds: one for high-pressure applications and one for low-pressure applications.
HYDROSTATICALLY POWERED FOR CONTINUOUS MOVEMENT.

**Hydrostatic Drive**

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

**Management Control Options**

- **Manual Speed and Direction Control**
- **Remote Speed and Direction**
- **Remote Irrigation Management**

**Drive System Options**

Choose from two types of hydraulic drives: water or electric. Both provide the advantages of continuous movement extendability, while adding the increased efficiency of continuous movement.

- **Simple and Reliable Alignment Control**
- **T-L Compass Alignment**
- **T-L System Rotation**

**Value Added Options from T-L**

- **Auto End Gun Booster**
- **Auto End Gun Control**
- **Auto Pivot Point Control**
- **Auto Pivot Manager**
- **Automatic Drainage**
- **Belt Drive Electric Motor**
- **Engine**
- **Foot Stand**
- **Galv. Hot-Dip Galvanization**
- **Hydramatic Drives**
- **Pivot Point Control**
- **Remote Controller**
- **Safe 24VDC Control**
- **Stainless Steel**

**T-L System Structures** are the best in the industry.

- **T-L Flex Joints**
- **Tower Structures**
- **Vertical Hydraulics**
- **Worm Gear Drive**

**Power Sources**

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

**Remote Controller**

- Remote controller for full remote control of the pivot, tower, and gun. Includes the latest technology for maximum flexibility and efficiency.

**Planetary Drive**

- Planetary drive for maximum water application efficiency.

**Remote System Management**

- Remote system management for maximum flexibility and efficiency.

**Continuous Movement**

- Continuous movement extends the system’s life and reduces pumping costs.

**Remote System Management Options**

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**Remote System Management Options**

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T-L’s hydraulic system provides superior wear protection. The filtered hydraulic system with an additive package specially designed to provide increased wear resistance and extended rotation time of the pivot. All T-L Irrigation Systems utilize electric models, each tower on a T-L system moves on electric pivots. Unlike the stop-and-go action of other systems, T-L’s pivot system moves smoothly and offers many features not available on electric pivots. The hydraulic system features an extra tough external flex hose designed for rugged terrains and furrowed conditions. Necessary for rugged terrain conditions, the hydraulic system provides additional stability and reduces water loss. Heavy-duty tower braces, vertical angle iron tower structures are both easily accessible for maintenance.

Power Sources

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

- Diesel
- Electric
- Gas
- Solar
- Bipower

System Options

- **Manual Speed and Direction Control**
  - Control the speed and direction of the pivot without any moving parts.

- **Pivot Manager 2**
  - Control center pivot, cross pivot and tower move using simple hydraulic valve.

- **Remote System Management**
  - The remote control is a hinged design with a 12 foot radius of motion. The units are designed for easy routing and water use connections.

- **Planetary Drive**
  - Continuous movement means extended gear life and reduced pumping costs.

- **T-L Hyrdrant Drive**
  - Tower 6” d x 24”, 8” d x 24”, 10” d x 24” for extended system’s coverage.

- **End Gun Shutoffs**
  - Hydraulically actuated for reliability with either an End Gun Booster or position stop.

- **Sprinkler System**
  - Covers a 360° circle with T-L’s optional position stop.

Value Options

- **Value Materials and Coating**
  - 6 1/2”, 6 5/8”, 8”, 10” galvanized pipe, truss rods and steel pipe.

- **Auto End Gun Shutoff**
  - Hydraulically powered end gun booster system, simple connection.

- **Automatic Rotator**
  - Ideal for systems where field management is critical.

- **Opti-Rite Controller**
  - Controls the pivot’s application.

- **Worm Gear Drive**
  - Simple and reliable, worm gear drive gives greater strength and efficiency.

- **Planetary Option**
  - Provides continuous movement and reliability, while reducing the number of moving parts and the required space needed for the pivot or remote location. Safe control speed and direction from any source.

- **Continuous Flow**
  - Simple hydraulic spool valve. The alignment system moves the spool valve, metering the required hydraulic fluid flow.

- **T-L Control System**
  - 24VDC Control. Safe and simple actuation for reliability with either a End Gun Booster or position stop.

- **Reliable Hydraulic Powered**
  - Reliable hydraulic powered end gun system.

- **T-L System Structures**
  - Continuous movement means extended gear life and reduced pumping costs.

- **Auto Pivot Manager 2**
  - The units are designed for easy routing and water use connections.

- **T-L’s Hydraulic System**
  - Provides the sprinklers as part of the complete pivot package. Sprinkler systems are custom designed for each pivot’s application. T-L’s department that custom designs sprinkler systems for each pivot’s application.

- **10 Year Limited Warranty**
  - 10 year limited warranty. (Worm or planetary drive systems)

- **Value Options**
  - Features simple hydraulic systems with continuous movement and reliability, while reducing the number of moving parts and the required space needed for the pivot or remote location. Safe control speed and direction from any source.

- **Continuous Flow**
  - Simple hydraulic spool valve. The alignment system moves the spool valve, metering the required hydraulic fluid flow.

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HYDROSTATORICALLY POWERED FOR CONTINUOUS MOVEMENT.

T-L’s hydraulic drive system features a patented hydraulic drive and does not employ a traditional mechanical drive. The system is designed to require no maintenance, ensuring a long and reliable service life and avoiding downtime due to wear and tear. The drive system is designed to eliminate the wasted horsepower required to get a tower moving again. This is especially beneficial on low-pressure, uneven and rolling terrain. A constant, smooth rate of travel also reduces wear on all drive components, while allowing the material power surge required to get a tower moving again.

Power Sources

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

Drive System Options

Drive System Options

Drive System Options

Simple and Reliable Alignment Control

T-L Systems include alignment through the use of a hydraulic directional valve. The alignment system ensures the proper end gun and center pivot operation. This system uses a unique design for each tower maintaining continuous movement and eliminating the wasteful power surge required to get the start-stop mechanism going again. Maintenance-free, this valve is a critical head of overcoming mechanical, physical, and hydraulic feedback from each tower, allowing the system and the pivot structure to move smoothly with each other.

Value Added Options from T-L

Auto End Gun Switch

T-L's Auto End Gun Switch reduces the need for manual end gun shutoffs by automatically turning the end gun off once the tower reaches the water source. This system eliminates the need for someone to manually shut off the end gun, making the system more efficient and reducing labor costs.

Automatic Reverse

T-L's Automatic Reverse feature allows the system to automatically reverse direction when it reaches the end of its travel. This feature helps prevent the system from getting stuck and ensures smooth, continuous movement.

T-L System Structures are the best in the industry.

T-L’s Vertical Angle Iron Tower is the sturdiest tower design on the market. It is designed to withstand the stresses of continuous movement and reliability, while providing additional stability and turbulence. The tower is perfect for uneven and rolling terrain.

T-L’s Tower Stabilizer is designed to provide additional support to ensure continuous movement and reliability. The stabilizer keeps the tower from moving or vibrating under continuous movement.

T-L’s Double Bolt Connection is a unique design that provides maximum strength and durability. It ensures that the system remains stable and reliable, even in challenging conditions.

T-L’s Tower is designed to provide maximum water flow, minimizing pressure loss and reducing pumping costs. It ensures that the water is distributed evenly and efficiently throughout the system.

T-L’s Tower Base is designed to provide maximum water flow, minimizing pressure loss and reducing pumping costs. It ensures that the water is distributed evenly and efficiently throughout the system.

T-L’s Tower Stabilizer

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Here’s what T-L owners are saying.

- **“There’s No Time or Waste in Water.”**
  
  “When we go to start up a T-L system, it starts.”

- **“The Choice is Simple.”**
  
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- **“The T-L is an Amazing Cistern.”**
  
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- **“He Hit the Button and It Works.”**
  
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