IRRIGATED CROP PRODUCTION UPDATE - 2010

- January 11 – 12, 2010
- NEW IRRIGATION TECHNOLOGIES

REINKE MANUFACTURING NEW TECHNOLOGIES

by

SCOTT UNRUH

RPH IRRIGATION SERVICES LTD.

The Right Irrigation Systems

For All The Right Reasons

Reinke
MORE RIGHT THAN RAIN

THE LEADER IN QUALITY

In 1968, the irrigation industry changed forever when Richard Reinke introduced the Electrogator® - the world's first reversible, electric gear driven center pivot system.

The Electrogator was just the beginning of a partnership with growers worldwide that continues to this day - a partnership built on Reinke's dedication to providing growers with durable, reliable, and efficient irrigation systems. Reinke continually searches for ways to extend that partnership with new and enhanced products, including the Alumigator® (our all aluminum system), our line of lateral move systems, the patented Energy Saver Package (E.S.P.) with swing arm corner, Navigator® GPS guidance, OnTrac™ Satellite Telemetry, and more.

The Electrogator II® is built with the same level of integrity, ingenuity, and attention to detail as the original. The Electrogator II delivers innovative new features that will once again change the way you look at irrigation.

We are committed to enriching our partnership with you, the grower, through our dealer network and through our commitment to quality workmanship and engineering advances. At Reinke, we've made it our mission to exceed your expectations of quality, service, and innovation.

ELECTROGATOR II®

ELECTROGATOR®

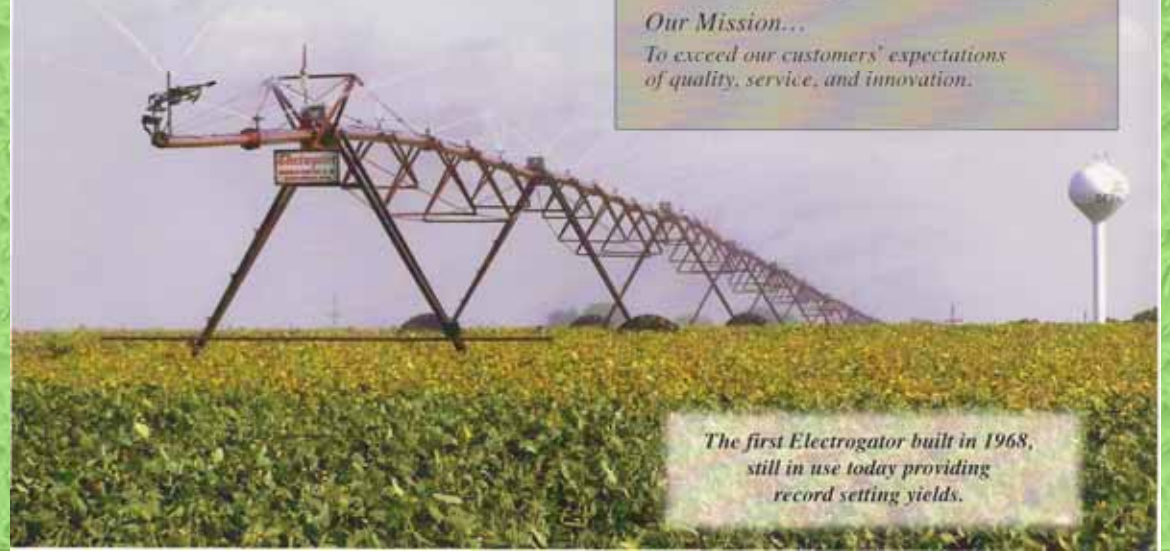
ALUMIGATOR®

MINIGATOR®

Proven Quality and Reliability

Our Mission...

To exceed our customers' expectations of quality, service, and innovation.



The first Electrogator built in 1968, still in use today providing record setting yields.

INNOVATIONS

Since 1968, Reinke has maintained an important lead in the ongoing development of mechanized irrigation technology and design. Our standards are designed to meet the detailed demands of farming and the operator. Exceeding your expectations of quality, service, and innovation has proven through the years that Reinke is and will continue to be "More Right Than Rain."

60's . . .

1968 - First reversible electric drive center pivot
1968 - First system with a collector ring to allow continuous rotation of the entire center pivot
1968 - First span over 100 feet
1968 - First with patented V-jack truss design
1968 - First to use interchangeable pipe and truss components
1968 - First to use O-ring gaskets between pipes for less friction loss
1968 - First gear driven, towable rubber tire center pivot

70's . . .

1971 - First system with a 4 ½" pipe design for low gallonage water supplies and small fields
1973 - First to use Cor-Ten-A* (chromium nickel + corrosion-resistant steel in the mainline pipe)
1973 - First successful aluminum center pivot
1975 - First to use single channel leg tower design
1976 - First to use high strength steel to reduce system weight
1977 - First to offer 6 inch pipe spans
1979 - First to offer dual input shafts on wheel drive gears
1979 - First to offer versatile 2-wheel drive power tower Maxigator™

80's . . .

1982 - First to put safety interlock on tower boxes
1982 - First to use double-wall, injection-molded, tower boxes
1985 - First to use a V-ring gasket between pipe joints to reduce friction loss
1986 - Developed and patented Energy Saver Package (E.S.P.) for swing arm corner systems to provide water application uniformity. Reinke is exclusive with this technology today
1987 - First bow string truss over 210 feet

90's . . .

1992 - R.A.M.S. Computer control panels
1994 - Use of aluminum mainline pipe with galvanized under trussing for added strength with maximum corrosion resistance
1995 - R.A.M.S. remote computer control
1995 - Digital speed control (PAC timer)
1998 - World's first production stainless steel mainline pivot

00's . . .

2000 - Pivoting Maxigator
2000 - Accu-Corner Swing Arm Corner System
2000 - Introduced the Towable Wheel Gear (TNT)
2002 - Introduced 230-volt single phase power option for center pivots
2002 - Patented Global Positioning System (GPS) technology for SAC irrigation systems
2002 - GPS Guidance Option for swing arm corner
2002 - Single phase power option
2003 - Introduction of Electrogator II systems, with new tower and span design
2003 - Launched the Electrogator II design in center pivot and lateral move systems, featuring increased durability, improved stability and tower strength, and more precise alignment
2004 - First to offer five types of pipe including aluminum, galvanized steel, stainless steel, poly-lined and CN+
2004 - Installed robotic pipe welding machine designed to improve productivity, quality and on-time service
2004 - Launched the Reinke Navigator Series of GPS controls, designed to more accurately determine the exact location of the end tower for a standard pivot and assist with the precise navigation of lateral move machines and SAC's
2005 - Developed Reinke Precision Management (RPM) Control Panel Series designed to improve precision farming and irrigation practices
2006 - Launched OnTrac by Reinke, a satellite based communication device that allows producers to monitor and control irrigation equipment using various forms of communication devices including but not limited to cell phones, landline telephones, PDA's, pagers and the Internet.

SWING ARM CORNER

Swing Arm Corner (S.A.C.)

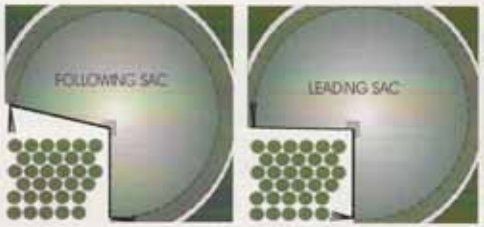
The Reinke Swing Arm Corner System (standard 280' long/370' coverage, including end gun coverage) is available on all new Reinke pivot (non-tow) systems. This exclusive swing span design utilizes a simple ball and socket hinge on the last tower.

Uniform application of water and chemicals is the result of a computer designed sprinkler package and precision control of the sequential valves.

The steering sensor is located directly over the wheel for accurate tracking and enclosed in PVC for protection. It is so accurate that the tire track will normally vary less than one half a wheel width, forward or reverse.

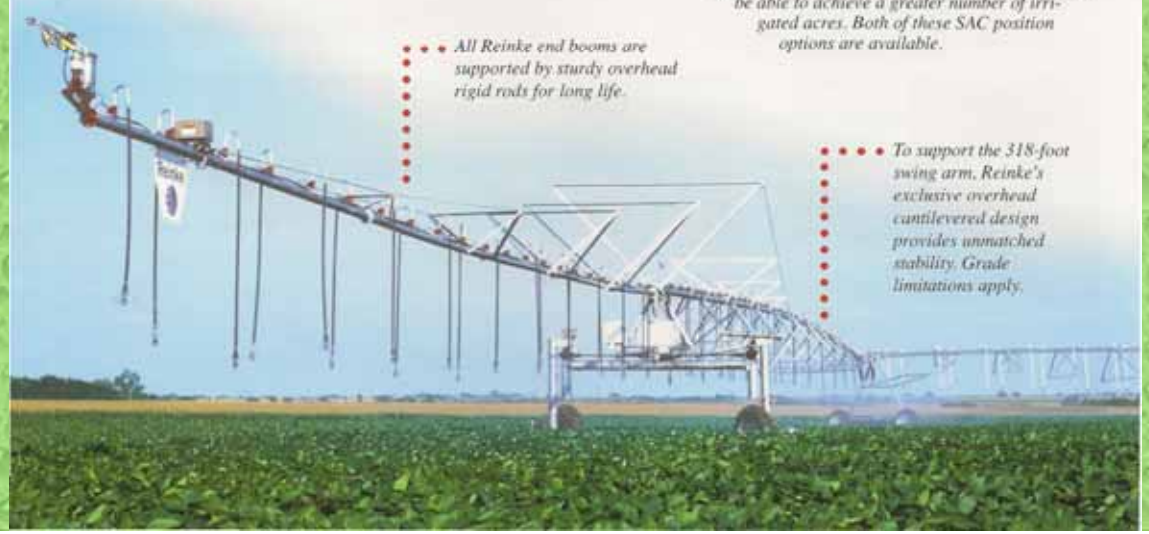
To get more irrigated acres without buying more land or setting up a new water system, the Reinke Swing Arm Corner System is available on all new Reinke Irrigation Systems. In addition, it can be retrofitted on existing Reinke systems or many systems from other manufacturers.

Reinke's Super SAC has the longest reach in the industry! 318' Long / 408' coverage, including end gun coverage



Often times in part circle applications, certain field obstacles restrict the number of irrigated acres a SAC in a "following" position is able to reach. By simply changing the orientation of the SAC into a "leading" position you may well be able to achieve a greater number of irrigated acres. Both of these SAC position options are available.

System shown is equipped with optional 57" sprinkler outlet spacing.



All Reinke end booms are supported by sturdy overhead rigid rods for long life.

To support the 318-foot swing arm, Reinke's exclusive overhead cantilevered design provides unmatched stability. Grade limitations apply.

"We have 52 pivots on our farm, many of which are Reinke and are more than 25 years old. It's quite amazing to have that many pivots running and not have many problems. The fact that most of our Reinke systems are that old and in such great condition tells you something about the reliability of the product. We like Reinke's corner system best and also rate their E.S.P. package very high."

Todd Young, Howard City, Michigan

OPTIONS:

ACCU-CORNER

The Solution For Even, Accurate Water Application Throughout The Corner

- Programmable logic controller optimizes application uniformity
- Utilizes 12 groups of sprinklers and up to 61 programmable stages
- Water is distributed more evenly going in and out of the corners
- Minimizes over/under watering common to some corner systems
- Unique operator interface aids in troubleshooting

GPS

Exclusive Patented Advanced Satellite Guidance Technology For Swing Arm Corner Systems

- Guides the Swing Arm Corner with surveyor-grade GPS precision
- Convenient and cost effective on rocky and hard to trench soils
- No costly re-trenching when/if field parameters change, simply enter new field coordinates into the GPS software to create a new path
- Eliminates costly repairs to damaged buried wire due to lightning, heavy frost, tillage equipment, rodents, etc.

E.S.P.

Exclusive Patented Energy Saver Package

- Utilizes an extra sprinkler package with automatic valves to supply additional water instead of needless pressure during the retraction cycle of the swing arm corner
- Enables pump to operate in a more efficient range for the majority of the circle while increasing the average gpm/acre available to your crops
- Simplifies settings for the application of fertilizers and other chemicals
- Reduces operating hours per application as well as equipment use, wear and related costs
- Will save hundreds of dollars every season with each system revolution

1000 GPM Pumping Unit	Without E.S.P.	With E.S.P.
System GPM Extended/Retracted	1000/590	850/850
System GPM Transition Phase	590-1000	660-1010
GPM/Acre	4.7	5.6
Hours To Apply 1"	96.1	86.9
Pumping Depth	120	120
Horsepower Hours To Apply 1"	6609	5935
Diesel Fuel Cost To Apply 1"	$866.00	$778.00

(Annual Savings based on 12" per year: $1,056.00. Assuming diesel fuel at $2.50 per gallon and consumption at .36 lb/hp*hr)

160 Acre Field

Without E.S.P.

With E.S.P.

Reinke
MORE RIGHT THAN RAIN
MECHANIZED IRRIGATION SYSTEMS

Advanced satellite guidance technology for swing arm corner systems

GPS

Your position is clear.

Reinke's® user-friendly, patented GPS guidance system uses advanced satellite technology to precisely guide the Swing Arm Corner system around the field.

GPS guidance eliminates the need for traditional buried wire, which is associated with a variety of hazards and problems. Growers who work with rocky and hard-to-trench soil can experience the benefits of swing arm corner irrigation more conveniently and more cost-effectively.

In the event field perimeters change, no costly re-trenching is necessary. Simply enter the new field coordinates into the GPS software, and the corner system's path is automatically adjusted.

Reinke's GPS technology also eliminates lightning damage that would otherwise occur with buried wire, is virtually maintenance-free, and will save you time, money, and labor.

Installation and maintenance are handled by the irrigation professionals at your local Reinke dealer.

Reinke is the leader in adapting new technology to mechanized irrigation systems, providing you with the best tools to manage your irrigation costs.

See your local Reinke dealer today and see for yourself that with Reinke GPS technology, your position is clear.

"With the GPS-guided S.A.C. systems, we maximize production because we are able to pick up extra acreage. Since we can control the amount of water we want to put on and the speed of the systems, we save water. These convenient features combined save us invaluable time and cost of labor."

– Jack Barta
Fremont, Nebraska

See your Reinke dealer today, or call our toll-free Grower's Hotline (866-365-7381) to find the dealer nearest you.

Reinke
MORE RIGHT THAN RAIN

www.reinke.com • Toll-Free Grower's Hotline 866-365-7381
"Our mission... to exceed our customers' expectations of quality, service, and innovation."

Reinke Navigator™ Series of GPS Controls

Who needs a map to navigate your field when you've got the Reinke Navigator Series of GPS Controls for end towers, lateral move systems, and swing arm corner systems?

This advanced satellite-guidance technology is the answer for producers who require extreme accuracy in timing and application and seek to maximize difficult-to-cover acreage.

Many of the problems producers face, including inaccurate end gun timing and the hazards of buried wire guidance, can be eliminated with Reinke Navigator GPS. With features including WAAS-enabled technology and surveyor-grade equipment, the Reinke Navigator line provides reliable, accurate guidance and position information for your systems.

With Reinke Navigator GPS, reach only the field edges you want to reach, and realize the potential of increased acreage and yield.

Stop by your local Reinke Dealer and find out why you don't need a map when you've got Reinke Navigator! Or, call our toll-free Grower's Hotline at 866-365-7381 or visit www.reinke.com to find the Reinke Dealer nearest you.

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End Tower Guidance

Our innovative new GPS Control for End Towers ensures accurate end gun control by tracking the exact position of your center pivot's end tower as the system navigates around the field.

It transmits data down existing AC power wires (alleviating the need for extra conductors) and interfaces with a Reinke RAMS panel so you can program end gun and auto stop/reverse settings, or with a PAC II timer for end gun and auto stop settings – all with the assurance of location accuracy.

- **Better end gun control with all system configurations**
- **WAAS-enabled* for unprecedented accuracy**
- **Can be added to any system with a Reinke R.A.M.S. panel or PAC II timer.**
- **Add extra options without the expense of additional span cable**

* The WAAS (Wide Area Augmentation System) satellite system provides signal corrections more accurate than standard GPS systems.

Lateral Move System Guidance

The Reinke Navigator GPS guidance option for lateral move systems uses three surveyor-grade GPS antennas and two GPS receivers to precisely guide your lateral move system across the field.

The GPS option ensures coverage with extreme precision in both forward and reverse, and eliminates the need for buried wire, furrow, or cable guidance. Changes to field perimeter settings and even location can be done with ease and precision.

The GPS guidance option is available for use with all Reinke Electrogator II™ lateral move systems, and can be retrofitted to any existing Reinke lateral system. And, in some cases, one stationary receiver can operate multiple systems*, reducing installation costs.

*Distance limitations apply. See your Reinke Dealer for more information.

- **Eliminates the need for buried wire, cable, or furrow guidance**
- **Can be used on all Reinke lateral move systems**
- **One stationary receiver can operate multiple systems***
- **Surveyor-grade equipment**

Swing Arm Corner System Guidance

The Reinke Navigator GPS guidance option for swing arm corner systems (patent pending) allows you to not only maximize difficult-to-cover acreage, but also eliminates the need for buried wire guidance and all of its associated hazards and problems.

Producers who work with rocky and hard-to-trench soil can now benefit from swing arm corner irrigation more conveniently and cost-effectively.

Making a change to field perimeters can be done easily - new coordinates are entered into the GPS software and the corner system's path is automatically adjusted.

- **Eliminates the need for buried wire guidance**
- **Surveyor-grade equipment**

"We really like the Preferred panel. Once you learn how to operate them, they're simple and you can get a lot of information back. We have the phone link on our linear system. You just call it. Anything you can do manually, you can change from the phone, get your updated information. If something goes wrong, it will call and tell you right away."

Steve Fritz,
McCook, Nebraska

Reinke keeps you "OnTrac" by utilizing the most advanced satellite technology to monitor and control your irrigation equipment from wherever you may be. Accuracy and reliability are built in to the Reinke Navigator Series of GPS Controls giving you the peace of mind that your Reinke irrigation system is performing as you expect.

ONTRAC BY REINKE

Advanced Satellite Technology

- Allows installation in remote areas with poor or no cellular reception, making OnTrac more reliable than cellular-based communications.
- Control your system and view system status and history via the internet.
- State-of-the-art satellite technology ensures service and compatibility well into the future.
- Eliminates reception issues experienced by others due to obstacles.
- Allows you to view precise system location when used with our exclusive Reinke Navigator Series of GPS Controls.
- Sends alert messages to your choice of cell phone, smart phone, pager, landline phone, or e-mail - or to a combination of all.

Available options include...

- Pressure monitoring.
- Position reporting on the internet using our exclusive Reinke Navigator GPS technology.
- Rainfall reporting.
- System control.
- Complete weather stations.
- And much more...

NAVIGATOR
Series of GPS Controls

The Reinke Navigator Series of GPS Controls for end towers, lateral move systems, and swing arm corners is the answer for producers who require extreme accuracy in timing and application and seek to maximize difficult-to-cover acreage.

This advanced satellite-guidance technology can eliminate many of the problems producers face, including inaccurate end gun timing and the hazards of buried wire guidance. With features including WAAS-enabled technology and surveyor-grade equipment, the Reinke Navigator line provides reliable, accurate guidance and position information for your systems.

With Reinke Navigator GPS, reach only the field edges you want to reach, and realize the potential of increased acreage and yield.

End Tower Location

- Better end gun control with all system configurations.
- WAAS-enabled* for unprecedented accuracy.
- Can be added to any system with a Reinke R.A.M.S. panel or PAC II timer.
- Add extra options without the expense of additional span cable.

Lateral Move System Guidance

- Eliminates the need for buried wire, cable, or furrow guidance.
- Can be used on all Reinke lateral move systems.
- One stationary receiver can operate multiple systems*
- Surveyor-grade equipment.

"They are a little bit lighter, but I think that is to Reinke's advantage. The tracks on Reinkes, in my opinion, are less than they are with some of the competition."

John Schutter Jr.,
Manhattan, Montana

Disconnecting Span Joint

Another unique option offered exclusively by Reinke is its disconnection span. With a disconnecting span joint you have the ability to come up against a barrier and disconnect one or more spans. After disconnecting the span(s) you can then proceed past the obstacle and continue to water the additional acres previously lost due to the obstacle. A Disconnecting Span Joint can also eliminate the need to reverse a system at an obstacle causing you to travel right back over the ground you just watered.

Additionally if the obstacle is a protrusion, or if the field widens on the opposite side of the obstacle, you can actually pick up an additional span(s) or spans of a different length.

With its "new" adjustable legs which allow you to keep the span farther off the ground you will no longer need to winch the span up or down more than a few feet. Also with its new "auto stop" function the parent system will actually self align itself to the dropped spans eliminating the need to baby-sit the system when it gets close to the point where it picks up the dropped span(s).

With the prices associated with irrigated land and the value of the crops grown, this feature can help you irrigate as much land as possible thereby maximizing your profitability.

Dual Center Pivot

Reinke's Dual Pivot Center is a must have for some specialty crops. The use of two systems moving over the same area allows for more frequent yet lighter applications that will aid in the germination and continued growth of the plant. The frequent applications can minimize blowing and damaging top soil while preventing saturation of the soil resulting in healthier plants and maximum yields.

Wrap Around Span

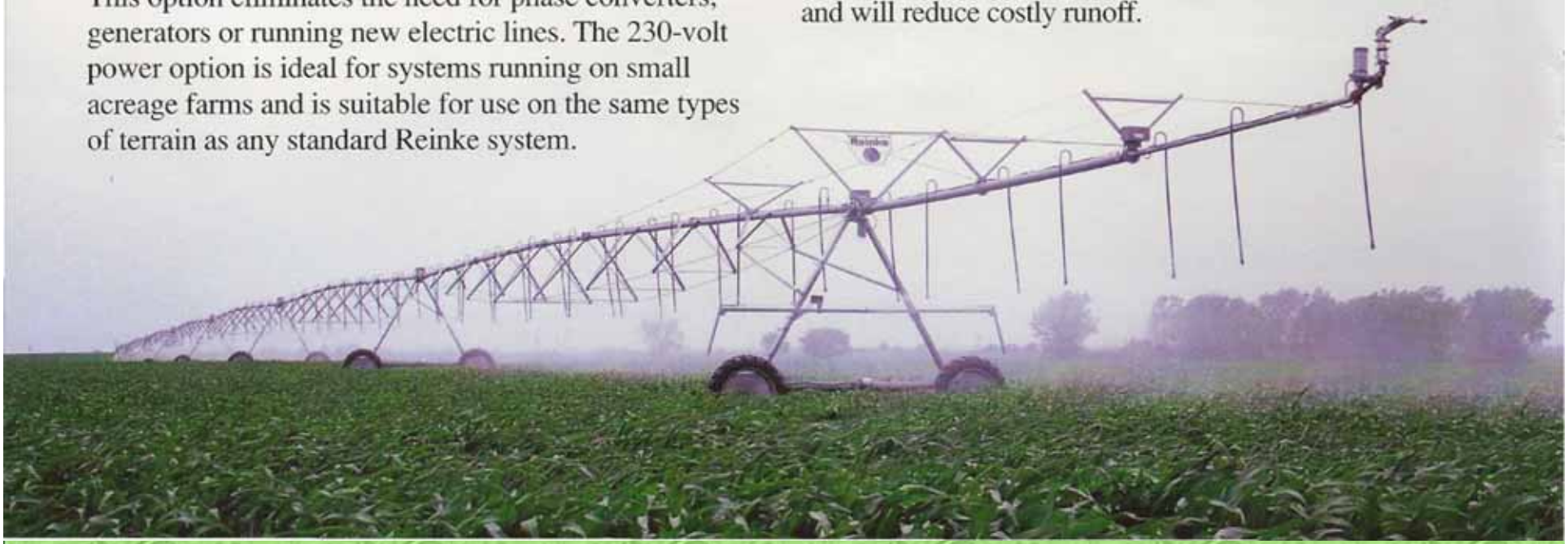
A cost effective option for those irregular fields and obstacles may be the Reinke Wrap Around Span. The Reinke Wrap Around Span allows you to actually bend your system around an obstacle in the field at any span joint you chose except the last or next to last tower. The Wrap Around Span can be used on multiple spans within the same system virtually allowing you to wrap your system 180° around an obstacle. The Reinke Wrap Around Span currently comes in two different configurations 10° which utilizes a standard span joint and 45° which uses a disconnecting span joint that reroutes the water through a flexible coupler. The Reinke Wrap Around Span offers tremendous flexibility and will allow you to pick up those previously unavailable irrigated acres.

Single Phase Power Option

With Reinke's 230-volt single-phase power option, gone are the days of absolutely needing a 480-volt three-phase power supply. Reinke knew there was a need to provide all growers with the ability to use efficient center pivot irrigation for their crops without the cost of bringing expensive three-phase power to their fields. This option eliminates the need for phase converters, generators or running new electric lines. The 230-volt power option is ideal for systems running on small acreage farms and is suitable for use on the same types of terrain as any standard Reinke system.

Reinke's 230-volt single-phase power option allows you to use standard household power supply to power your system.

Single phase systems are limited to six towers or a maximum length of 1000 feet at the last tower. Converting from flood irrigation to a mechanized irrigation system may reduce your water usage by as much as 50% and will reduce costly runoff.



THREE-WHEEL TOWER OPTION

More proof that "Heavier" is NOT "Stronger" and that in actuality; weight is a problem to avoid and not a feature that you would seek to obtain in an irrigation system.

When compared to the overall weight of competitive spans of similar pipe size and span length, you will find that the Electrogator II, due to the use of high strength, alloy steel materials, can utilize smaller, more economical tire sizes, while providing comparable and often times better flotation characteristics. The Reinke Three-Wheel Tower option provides the additional flotation needed for those soil types that rut easily and will also aid the system in traversing challenging terrain. The Reinke Three-Wheel Tower option is also more efficient and more economical than competitive four wheel tower options that add more weight to the system and more components to maintain.

OPTIONS FOR REDUCING DEEP WHEEL TRACKS

- Shorter Span Lengths *(Reduces Tower Weight)*
- Smaller Pipe Diameters *(Reduces Water Weight)*
- Taller and/or Wider Tires *(Reduces Lbs/Sq In)*
- Tracks Around Tires *(Reduces Lbs/Sq In)*
- High Strength, Alloy Steel Materials – Sheds Excess Weight *(Reduces Tower Weight)*
- Additional Tire Placed on Tower *(Reduces Lbs/Sq In)*

160' SPAN WEIGHTS (WET) CONVERTED TO LBS./SQ.IN.

2-WHEEL TOWER

SYSTEM MODEL	11.2 x 24 WEIGHT	11.2 x 24 LBS/SQ IN	11.2 x 38 WEIGHT	11.2 x 38 LBS/SQ IN	16.9 x 24 WEIGHT	16.9 x 24 LBS/SQ IN
ALUMI IV	3852	7.2	4114	6.4	4054	3.8
EII A60G	4320	8.1	4582	7.2	4522	4.2
EII 2060/2660	4710	8.8	4972	7.8	4912	4.6
EII 2065/2665	5230	9.8	5492	8.6	5432	5.1
COMPETITIVE 6-5/8" SPAN	6204	11.6	6466	10.1	6406	6.0

3-WHEEL TOWER

SYSTEM MODEL	11.2 x 24 WEIGHT	11.2 x 24 LBS/SQ IN	11.2 x 38 WEIGHT	11.2 x 38 LBS/SQ IN	16.9 x 24 WEIGHT	16.9 x 24 LBS/SQ IN
EII A60G	4660	5.8	5053	5.3	4963	3.1
EII 2060/2660	5050	6.3	5443	5.7	5353	3.3
EII 2065/2665	5570	6.9	5963	6.2	5873	3.7
COMPETITIVE 6-5/8" SPAN	6554	8.2	6947	7.2	6857	4.3

4-WHEEL TOWER

COMPETITIVE 6-5/8" SPAN	6954	6.5	7477	5.8	7357	3.5

NOTE: ALL WEIGHTS ARE WITH WATER AND APPROXIMATE

The Alumigator IV (all aluminum system with 6" diameter pipe) and its predecessors, the Alumigator I, II, and III, have for the past 33+ years and continue to be considered the best irrigation system for minimizing the depth of wheel tracks (ruts) in the field.

One or more of the Alumigator IV or the A60G (6" aluminum pipe only with galvanized structure) spans can be placed on the end of any Electrogator II system to help alleviate the tracking issues associated with spans weighing much more.

Three's a Charm when it comes to our FLEXIBILITY

See your local Reinke dealer to learn how a 3-Wheel Flexible Tower can work to your advantage.

- Flexibility and increased truss stability combine to greatly reduce the likelihood of span roll when traversing ditches and ridges!
- Extra base width and flexibility allows the tower to cross trouble spots where standard towers might become stuck or high-centered!
- Operates using all standard drive train components!

Reinke
MORE RIGHT THAN RAIN
www.reinke.com

Struggling to irrigate rough terrain or need improved flotation and reduced wheel tracking?

- The new Flexible 3-Wheel Tower could be the solution you've been waiting for!
- Unique flexible tower design keeps all three wheels on the ground at all times, placing a more consistent load on the drive train powering **all** 3 wheels!
- Keeping all 3 wheels on the ground reduces the load on each tire, improving flotation and reducing rutting!

Patent pending

American Society of Agricultural and Biological Engineers
AE50 WINNER 2010
outstanding innovations

RPM Preferred
with Touch Technology

Reinke RPM Preferred

Touch Technology Control Panel

Reinke
MORE RIGHT THAN RAIN

American Society of Agricultural and Biological Engineers
AE50
WINNER 2010
outstanding innovations

The Reinke RPM Preferred with Touch Technology Control Panel Where Technology FINALLY Meets Simplicity!

The revolutionary new RPM Preferred with Touch Technology control panel is the first of its kind in the irrigation industry. It has a unique operator interface that utilizes a Windows® operating system and touch screen technology to provide powerful yet user-friendly control and programming of center pivot and lateral move irrigation systems.

- Windows® based operating system
- Sunlight readable touch screen
- Very visual, instinctive, easy to program user interface
- Weather station compatible
- Multi-lingual
- Onboard help screens
- Short cuts to all options
- Updates available for download online and then installed via a USB flash drive
- Integrated graphing application
- Remote relay control capabilities
- Telemetry compatible
- Programmable alarm inputs
- Fast, simple park feature
- Quickly and easily change barrier function between auto reverse & auto stop

~ "Really nice."
"Simplest one to use by far."
"We really like it and it's a pleasure to use."
~S & S Farms

NEW Innovative Feature

This revolutionary new panel gives you the ability to create a sequence of events to automate the startup function of an irrigation system. For example, if starting your system requires you to energize a phase converter, open a valve and turn on the pump - before finally starting the system - after which you have to start a chemigation pump - things just got easier! The start sequencing option will automate the whole process and make this difficult situation all happen with a single touch of the screen!

~ "Kicks the heck out of the other guys panel."
"So easy to use it's pathetic."
~ Hamilton Farms

Highly Versatile Programming Options

Sector programming gives you the ability of executing the same programmed options inside the same defined area repeatedly, whether traveling in forward or reverse.

Step programming allows you to program changes to your settings step-by-step so that certain features are initiated or stopped at preset points in the field.

Time programming lets you schedule your system's water application for an entire week, and you can do so by day, hour and minute. Time program also has the versatility to repeat the program until it is turned off.


So easy a caveman can do it.™

Graphing

For the first time ever the graphing of stored data can be done directly at the touch panel itself. The high and low readings for voltage, pressure, flow and many other inputs are logged hourly. This critical information can then be displayed and graphed for fast, easy historical analysis or saved to a USB flash drive to be printed on a personal computer or shared with others.

Integrated Graphing Application

Application Graph - The main screen of the graphing section where at a glance you can review the total hours the system was running wet, running dry, total running hours & total powered up hours as well as quickly review the total water application by sectors.

Rain - If equipped with a rain gauge you can accurately display up to a month of rain history.

Pressure - If equipped with a pressure transducer the system will automatically log the high and low values hourly and then you can accurately display up to a month's history.

Flow - If equipped with a flowmeter, with a digital output hooked into the panel, the system will automatically log the maximum and minimum flow rates on an hourly basis and then you can accurately display up to a month of history.

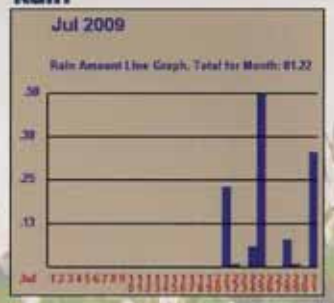
Temp - If equipped with a digital temperature sensor the system will automatically log the daily high and low temperature and accurately display up to a month history.

Voltage - The voltage feeding the system is constantly monitored and the high and low values are logged hourly and graphed to visually display up to a month's history.

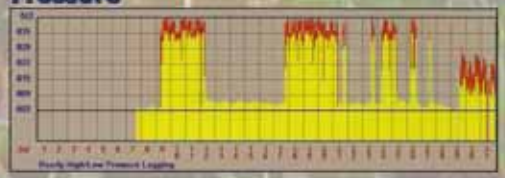
Wind - If equipped with an anemometer the system will automatically log the maximum sustained wind on an hourly basis and accurately display up to a month's history.

Application

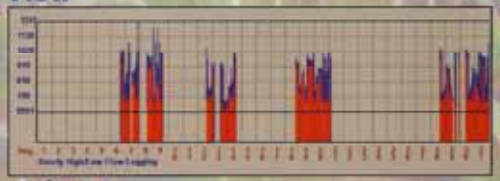
Rain



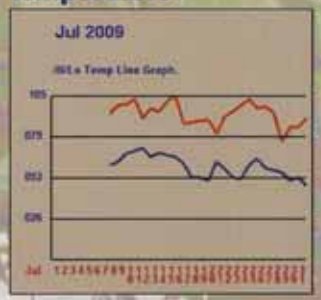
Pressure



Flow



Temperature



Voltage

Wind

At Reinke Manufacturing, we offer a full line of main control panels to meet the wide range of requirements our customers experience. From our RPM basic panel to the new RPM Preferred with Touch Technology, we can meet your needs. View the features and options list to the right to find the panel that works best for you!

~ "It's great!"
"It's a lot better than the other guys, panels."
~ *Sandyland Farms*

~ "Best on the market!"
"Best panel ever made."
"Absolutely love them."
"Really like visibility and end gun setup."
~ *Russell Land & Livestock*

Features & Options	RPM Preferred W/Touch	RPM Preferred	RPM Advanced	RPM Basic
Manual Pump Control	■	■	■	■
Multiple Speed Settings	■	■	■	□
Lightning Arrestor	■	■	■	□
Power Auto Restart	■	■	■	□
End Gun Shutoff	■	■	■	□
Programmable Park	■	■	■	Ø
Temperature Restart	■	■	■	Ø
Pressure Restart	■	■	■	Ø
Position Auto Reverse	■	■	■	Ø
Position Programmable	■	■	■	Ø
Programmable System Startup	■	■	■	Ø
Two End Guns/Auxiliary Outputs	■	■	■	Ø
Low Voltage Safety	■	■	□	□
Configurable Alarm Inputs	■	■	Ø	Ø
Programmable Auxiliary Outputs	■	■	Ø	Ø
Time Programmable	■	■	Ø	Ø
Programmable Well Control	■	■	Ø	Ø
Logs/Record Keeping	■	■	Ø	Ø
Flow Meter Visability	■	■	Ø	Ø
Manual Injector Pump Switch	■	■	□	□
Programmable A/C Inputs	■	Limited	Ø	Ø
Integrated Wireless Relay Controls	■	Ø	Ø	Ø
Programmable Chem Pump Control	■	Ø	Ø	Ø
Start Sequencing	■	Ø	Ø	Ø
Water Application Scheduling	■	Ø	Ø	Ø
LCD Touchscreen	■	Ø	Ø	Ø
Configurable High/Low Voltage Setting	■	Ø	Ø	Ø
Integrated Help Screens	■	Ø	Ø	Ø
Microsoft Windows® Interface	■	Ø	Ø	Ø
Start/Stop by Flow	■	Ø	Ø	Ø
GPS Positioning	■	□	□	Ø
Manual Generator Control	□	□	□	□
Injector Receptacle Kit	□	□	□	□
Pressure Switch	□	□	□	□
Tower Auto Reverse	□	□	□	□
Tower Auto Stop	□	□	□	□
Remote Panel Placement	□	□	□	□
220/240 Single Phase	□	□	□	□
UL/CSA Approved	□	□	□	□
Frost Switch	□	□	□	□
Temperature Probe	□	□	□	Ø
Telemetry	□	□	□	Ø
Telemetry Text Messaging	□	□	□	Ø
Phone Link Remote	□	□	□	Ø
Resolver Positioning	□	□	□	Ø
Rain Gauge	□	□	Ø	Ø
Wind Vane	□	□	Ø	Ø

■ - Standard □ - Optional Ø - Not Available

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Ours is longer than theirs.

Length means something when you're talking irrigation system warranties. The other guys fall short at two years compared to Reinke's five-year structural warranty – the longest in the business.

Contact us for more information about our longer-than-theirs warranty.

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MACH II plastic tires

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11.2 x 38 on 8” or 10” rims
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