Invest in Your Future

Whether you’re installing irrigation equipment for the first time, replacing an aging pivot or upgrading your current equipment, there’s no question that it’s a big investment – and a significant commitment. Determining exactly what you need is crucial to the way you farm. So how do you decide what to buy?

You want to make decisions that improve your yield and bottom line. Valmont Irrigation is here to provide you with Valley equipment and technology that you need to achieve maximum productivity and profitability. No matter your field size or budget, we have the best irrigation solution for you. A solution that will last for generations.

Consider this:
• Internationally, buyers choose Valley nearly 2:1 over our nearest competitor.
• Valley center pivots, corners and linears command the highest resale value in the industry, typically more than 25 percent higher than other brands.
• The Valley gearbox is the only irrigation gearbox manufactured in the USA and has three times the life of other gearbox brands, based upon standardized tests.
• Dealer support after the sale is critical to your investment, and Valley dealers lead the industry in sales, service training and parts availability.

We invite you to explore the Valley brand. We offer thousands of options and features for customizing your equipment, and we’ve outlined the highlights for you here. Then, visit our website – valleyirrigation.com – or your local Valley dealer to learn more about why Valley is right for your farm.

Why Growers Choose Valley

Valley has the most extensive dealer network and the most responsive, factory-trained technicians.

One of the most important decisions you will make is selecting a dealer. Your Valley dealer won’t disappear when the ink is dry on the sales contract. They will be there in the field with you when you need them.

Valley Dealers:
• Undergo extensive product training
• Provide fast, reliable service
• Work on all brands of irrigation equipment

The Valley brand leads the world in precision irrigation and is the founder of the industry.

Valley Center Pivots, Corners and Linears:
• Outperform other brands under all field conditions in independent tests
• Chosen by more growers than any other brand
• Are precision engineered and customized for each individual field

Valley offers not only the best machine, but also the most innovative technology.

Valley Technology:
• Offers the most advanced remote control and monitoring tools
• Features BaseStation™, an industry-exclusive that provides unprecedented farm control
• Includes the AgSense® line of telemetry products
Valley Control Panels

Valley offers a full line of easy-to-use control panels, including the new Valley ICON® series of smart panels. The ICON line has a solution for every need. Whether you’re buying a new center pivot, upgrading your existing control panel or changing over from another brand of center pivot, you have the advantage of operating an intuitive, full-color touchscreen interface. Our control panels are designed to withstand the most extreme temperatures, high humidity and transient voltage requirements. They provide you with uninterrupted performance and durability to keep your center pivots running year after year.

Valley designs control panels for all kinds of growers – from panels with the most advanced computer technology to basic, non-computerized options. This variety allows you to choose the best panel for your operation without sacrificing Valley field-proven technology.

Valley ICON® Series of Smart Panels

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Valley Control Panels

- Valley ICON10
- Valley ICON5
- Valley ICON1
- Valley ICONX
- AutoPilot Linear
- ClassicPlus
- Classic

The ICON10, ICON5 and ICON1 displays fit the standard Valley modular control panel enclosure, so if you have a current Valley Pro, Pro2, Select, Select2 or ClassicPlus control panel, you can quickly and easily upgrade to Valley ICON.
AgSense®

AgSense® remote irrigation management products use digital cellular technology to remotely monitor and control irrigation equipment. The benefit of choosing AgSense goes beyond feature-rich products. Through the use of the AgSense App from your mobile device, you can gain access to all of your aggregated data, so you can put the information to work for you. And now, with AgSense ICON Link, the power of AgSense comes built-in with every Valley ICON panel.

ICON Link

AgSense ICON Link is a new remote management module exclusively designed for the ICON smart panels. It provides full remote programming of control panel functions and monitoring of center pivot operations via the AgSense mobile app or through BaseStation™. The module mounts inside the cabinet, is delivered fully activated and processes commands more than 10 times faster than the previous products. With a greatly expanded feature set, the ICON Link is the key to unlock the full potential of Valley ICON smart panels from anywhere in the world.*

Field Commander® Ultimate Precision Irrigation Package

This package combines several AgSense technologies into one kit for unmatched versatility in management of virtually all irrigation equipment, regardless of brand, age or current capabilities. Remotely monitor and control center pivots and pumps, along with monitoring flow, pressure and weather.

Field Commander®

The Field Commander® is a GPS-driven, center pivot monitoring and control tool that provides real-time information and alarms to your cell phone, smartphone or computer.

- Works on any brand of pivot or vintage of panel
- Allows remote implementation of irrigation prescriptions
- Provides cable theft monitoring

CommanderVP®

The AgSense CommanderVP® provides full remote monitoring and control of your center pivot and control panel. A field-changeable cell modem makes it compatible with virtually all cellular providers around the globe, as well as preventing changing cell technology from making it obsolete.

Crop Link®

Crop Link® gives you the ability to monitor and control multiple farm devices, such as wells, flow, pressure and weather, giving you a better idea of what is going on in your field.

Aqua Trac

Aqua Trac gathers data from soil moisture probes, allowing you to easily implement irrigation decisions based on soil profile moisture content from your computer or smartphone.

*Firmware upgrade or Valley parts kit may be necessary.

Advanced Control Technology

Valley BaseStation3™

Valley BaseStation3 is the most comprehensive, flexible and state-of-the-art remote irrigation management product available. This innovative technology gives you unprecedented control over your operation. Select cellular, radio or Internet protocol to manage and control all your irrigation equipment from any computer, laptop, tablet or smartphone. And now, BaseStation3 can come built-in with any Valley ICON panel.

Beyond the Ordinary

- Native iOS (iPhone®, iPad®) and Android apps
- Option of no monthly or annual fees
- Google Maps™ integration
- Destination ETA calculates how long it will take a machine to reach a specific point in the field
- Soil moisture view shows soil moisture content by layers
- Operational view allows you to see what each machine is doing
- Advanced reports and data exports (applied water, equipment, maintenance, etc.)
- End gun templates for quick and easy setting changes
- Tiered levels of access and security for designated users
- Allows multiple and simultaneous users
- Provides alert notifications and instant, at-a-glance status updates

Try Before You Buy

Now you can try BaseStation3 for free. Use our Demo to explore all features and capabilities of this groundbreaking irrigation management tool. The Demo puts you in control of a simulated BaseStation3 farm where you can explore all its benefits. You can also try out the BaseStation3 mobile app for free. Just download the BaseStation3 app from your app store and click on the Demo button. See for yourself how much easier irrigating can be.
Precise Water Application

Variable Rate Irrigation (VRI)

Variable rate irrigation (VRI) from Valley is ideal for fields with multiple soil types and varying topography. With a combination of hardware and software, Valley VRI allows you to adjust the water application depth to optimize every acre and maximize yield potential. Because Valley understands all fields are different, we offer three VRI options: Speed Control, Zone Control and Trimble® Irrigate-IQ™.

Trimble Irrigate-IQ VRI

- Control individual nozzles to apply the right depth in the right spot
- Work with your trusted advisor to create VRI plans that compensate for variations in soil properties, vegetative health, topography and precipitation history within each field

VRI Speed Control (VRI-S)

- Divides your field into a maximum of 180 sectors
- A customized, uploaded VRI prescription speeds up or slows down your center pivot to achieve the desired application depth across each sector

VRI Zone Control (VRI-Z)

- Your field can be divided into more than 5,000 zones
- A customized, uploaded VRI prescription pulses sprinkler control valves along the center pivot zones to achieve desired application depth in each zone
- Can control on/off for areas that don’t need to be irrigated such as canals, ditches and wet areas

Corner Sprinkler Control

Trimble Irrigate-IQ Uniform Corner*

- Achieve a uniform application in areas covered by the corner arm
- Optimize water use
- Reduce runoff and leaching
- Improve crop quality and yield

* Not available in all regions. Contact your local Valley dealer for product availability.

Sprinkler Solutions

Valley Sprinklers

The Valley Low-Energy Nozzle (LEN) fixed spray with its drop-in, color-coded nozzle, and Valley All-Range pressure regulator are economical and efficient options for your sprinkler package needs. The desired placement of your sprinklers can be achieved through the use of drops, boom backs and other alternatives.

Nelson® Irrigation

Nelson offers a full line of water application products designed for your specific field conditions and crops that result in higher yields and quality at harvest. Innovation in irrigation by Nelson created Rotator® technology on drops and Big Gun® sprinklers.

Senninger® Irrigation

Under the concept of “Low Pressure – High Performance,” Senninger® products ensure water is distributed uniformly and with low application intensity. With a variety of designs available, you can select the product best suited to your individual field, crop, and installation needs.

Updated Sprinkler Package

- The most important investment you can make
- New, low-pressure sprinkler technology provides efficiency and uniformity, and may reduce energy costs
- Select distribution plates designed to minimize wind drift
- New pressure regulators ensure proper flow from each nozzle

You can depend on your Valley dealer to ensure you get the proper sprinkler package based on climate, soil type, crops and topography.

- Precise, computerized sizing and spacing of nozzles ensure application uniformity and efficiency
- Low-pressure sprays operate as low as 0.4 bar (6 PSI), saving horsepower, energy and money
- Application efficiencies can reach 95 percent
- Additional sprinkler options include end guns, sprinkler drops, boombacks and part-circle sprinklers
- Exclusive VChart software can design sprinkler packages for all brands of irrigation equipment
- Valley dealers are highly trained experts in water application and conservation

valleyirrigation.com
The Valley Single Span Spinner™ Drive is designed for growers with small fields or limited access to electricity. This single span pivot is driven by water pressure and offers all of the structural and mechanical advantages of any Valley center pivot.

*Actual clearances in the field will vary based on wheel track depths, tire size, span lengths, field terrain, and various operating conditions.

Structure Options for Different Crop Heights

**Standard Profile Drive Units**
- Clearance: 2.8 m—3 m (9' 4"—10')

**Low-Profile Drive Units**
- When standard clearances are not required
- Clearance: 1.85 m—1.95 m (6' 2"—6' 5")

**High-Profile and Ultra-High Profile Drive Units**
- Provide increased crop clearance
- High-profile clearance: 3.9 m—4 m (13' 0"—13' 3")
- Ultra-high profile clearance: 4.9 m—5 m (16' 3"—16' 6")

Valley has developed a standard, accelerated life cycle test that subjects spans to conditions they could experience on rough ground with large tires. The span with the longest cycle test life can be expected to last the longest in similar field conditions. The results of these tests, performed by independent engineers, consistently show that the Valley center pivot is the most durable machine in the industry. That’s why Valley is the #1 choice for growers.

Valley also builds the longest spans in the industry. Longer spans save you money by reducing machine purchase cost and eliminating the ongoing operation and maintenance associated with extra drive units. Valley long spans provide the same strength and durability, and meet the same performance standards, as all other Valley spans.

Valley has engineered, constructed and field-tested to handle any operating stresses your machine may experience. Valley structures stand up to the toughest conditions produced by rough terrain and furrows. Using a Valley center pivot can result in a reduction in your operating costs, a quick return on initial investment and the conservation of resources.

Valley center pivots were designed with you in mind. For any size field, fixed or towable pivot point, corrosive or noncorrosive conditions, the Valley center pivot offers many performance features that will efficiently irrigate your field.

Valley center pivots are ideal for irrigating small fields, up to 3 hectares (6 acres), where electric power is not readily available. All sprinkler packages are available to deliver efficient water applications with low water pressure, providing significant energy, labor, and water savings.

Valley center pivots were designed with you in mind. For any size field, fixed or towable pivot point, corrosive or noncorrosive conditions, the Valley center pivot offers many performance features that will efficiently irrigate your field.
Valley Towable Gearbox

Features
- High-strength steel pin with long reinforced drive arm and reinforced receiver provides reliable, durable and long-lasting drive connection between gearbox and wheel
- Bale-type pin retainer design keeps pin in place even in the most difficult field situations and is easy to release when it’s time to tow
- Includes all of the features and benefits of the patented, made in the USA Valley gearbox
- Tooth Design – industry-exclusive, 25° tooth angle provides longer life and better reliability in tough conditions
- 52:1 gear ratio – full recessed tooth design keeps oil between engaged gears
- Ductile iron worm gear provides greater load capacity and wear resistance
- American made, case-hardened input/output bearings

Valley Towable Hubs
- Grease filled input/output bearings for long life and reliability
- Features heavy duty castings

Towardable Omni Gearbox

Features
- Tooth Design – 14.5° tooth angle provides long life and reliability in tough conditions
- 52:1 gear ratio – full recessed tooth design keeps oil between engaged gears
- Ductile iron worm gear provides greater load capacity and wear resistance
- Chinese through-hardened input/output bearings

Disengaging Worm Mechanism
- Single piece, precision-machined worm gear carrier ensures accurate alignment between worm and bull gear
- Specialized sealing plate design on input shaft greatly reduces chance of leakage
- Simple lever makes for quick and easy release when it’s time to tow

* Not available in all regions. Contact your local Valley dealer for product availability.

Quick Tow
- 127 mm (5") span diameter
- For pivots up to 201 m (660’) long

2-Wheel E-Z Tow™
- Can be towed in any direction
- For pivots up to 274 m (800’) long

4-Wheel E-Z Tow™
- 168 mm (6 5/8") span diameter
- Designed for any size towable unit
  - Fixed wheel or swivel option, easily rotates to tow in any direction
  - For pivots up to 305 m (1,000’) long
- 219 mm (8 5/8") span diameter
  - Fixed wheel or swivel option, easily rotates to tow in any direction
  - For pivots up to 457 m (1,500’) long

Skid Tow
- Low-cost option best used for infrequent towing
- Designed for any size towable unit

valleyirrigation.com
Ditch Feed Water Delivery

- On-board diesel engine with generator or cord drag option powers a pump to pressurize and provide electricity
- Rolling inlets are used in concrete canals; floating inlets are used in earthen ditches
- Skid-style suction designed specifically for earthen ditches (Two Wheel Ditch Feed only)
- Capacities of 10 lps – 285 lps (150 gpm – 4,500 gpm)

Valley Rainger Swing-Around™

Based on a common cart platform, the Valley Rainger™ provides versatility by taking water from a ditch or a hose. The cart can be customized for your field by adding options such as chemigation and fertigation tanks.

Hose Drag Water Delivery

- Electrical power supplied by on-board diesel generator or cord drag option
- Polyethylene hoses with inside diameters up to 200 mm (8”), connected to a pressurized mainline
- Capacities of 12 lps – 88 lps (200 gpm – 1,400 gpm)

Valley Rainger Swing-Around™

The Rainger Swing-Around™ rotates 180° around the cart to irrigate the opposite side of the field. It allows you to double the amount of land irrigated with one machine, saving you time and money.

Valley Universal

Unlike other swing-around linears, the Valley Universal can automatically switch between linear mode and center pivot mode. It’s available as a hose drag or ditch feed.

Valley Two Wheel Hose Feed

This versatile machine can operate as a standard linear, towable or swing-around. It is an ideal conversion option for fields currently irrigated by flood, drip or solid set.

Valley Two Wheel Ditch Feed

The linear can use either permanent earthen water delivery infrastructures or earthen ditches that are installed annually. A flexible suction inlet fits nearly any functioning earthen ditch, keeping investment costs low. Ideal for small fields, this linear can be towed or swung around to cover more area.
Valley Benders

A Valley Bender is an option added to your center pivot that “wraps” it around whatever is in its way. The outer portion of your center pivot continues moving while the inner portion is stopped by fences, trees or other obstacles. An exclusive speed-up timer increases the speed of the center pivot to reduce over watering while bending.

Bender30™
- Bends up to 30 degrees in either direction
- Uses existing structural components — easy to retrofit
- Multiple Bender30™ units can be installed on one center pivot

Bender160™
- Bends up to 160 degrees in either direction
- Uses custom structural components
- Multiple Bender160™ units can be installed on one center pivot

Bender Anchor
Only Valley offers an anchor for its bending drive units. The anchor package provides the structural strength needed to use Valley Benders on longer machines, as well as on rough or rolling terrain. Now you can bend your machine more than 600 meters to irrigate even more acres.

Valley DropSpan™

With the Valley DropSpan, you can drop the outer spans of your center pivot, so the rest of your machine can irrigate hectares behind barriers. The spans can be dropped and reattached by one person without tools in less than 15 minutes.
- A simple electrical connector manages span cable and control logic; no rewiring needed
- A simple winch and batten leg system drops and reattaches outer spans
- A stop switch automatically aligns base machine with dropped spans for easy reattachment

Gain Additional Hectares

With Valley corners, Benders, and DropSpan™, you can pick up extra hectares and earn extra income from land you already own. Combine these solutions — by mixing and matching multiple options — on one machine to truly customize a center pivot that maximizes your irrigated hectares.

VFlex™ Corner

The VFlex™ Corner replaces the legacy Valley Corner, creating a new, durable machine that uses the most modern structural components while retaining simple start-stop controls. The VFlex Corner offers more options than any corner on the market today and is completely customizable to meet your needs.

Valley Precision Corner®

The Valley Precision Corner® is our patented, computerized corner that provides extreme precision in the application of water, chemicals and fertilizers. It is available with the optional, Valley-patented Water Utilization Package™ that includes additional solenoids controlling 22 more sprinklers.

Valley Corner DualDrive™

The Valley Corner DualDrive™ features two closely spaced tires that provide excellent traction and increased flotation. It allows your corner machine to move through difficult soil types and adverse field conditions without getting stuck, and minimizes crop damage.

Valley Terrain Compensation

Valley Terrain Compensation is a Valley-exclusive module for GPS-guided corners that can reduce oversteering and improve wheel track accuracy on rolling terrain or high ridges. It calculates the difference between the GPS antenna’s actual location and the desired position of the guidance path, compensating for position errors caused by changes in the terrain. Terrain Compensation provides a straighter, repeatable wheel track for your corner machine, causing less crop damage.
Valley machines continually and consistently outperform other brands in safety, durability and strength, giving producers the most valued irrigation products in the industry.

With these features, there’s no question that you have the most durable structure:

- Hot-dip galvanized steel
- Four leg drive unit with braces
- Forged ball-and-socket span hitch
- Heavy, eight bolt pipe flanges
- Welded sprinkler coupler
- Full wrap-around weldments
- Forged truss rod heads
- Polyurethane flange gaskets
- Evenly loaded spans
- Full-length, properly designed pipe for each span length, no short extender pipes

Valley Spans

When making decisions that may affect yields and operation, look to Valley to provide the structural strength growers need to achieve maximum productivity. Valley spans continually and consistently outperform the competition.

- Pipe diameters of 127 mm (5”), 168 mm (6 5/8”), 219 mm (8 5/8”), and 254 mm (10”)
- Span lengths from 35 m — 72 m (115’ – 236’), including the industry’s longest span
- Galvanized steel comes standard
- PolySpan pipeline available for corrosive conditions

Fixed Pivot Points

The structural life of a center pivot is critical. Fixed pivot points from Valley offer maximum platform durability and are available in four sizes to fit your needs.

168 mm (6 5/8”) Pivot Point
- Designed for pivots up to 457 m (1,500’) long
- Low and standard profile

219 mm (8 5/8”) Pivot Point
- Designed for pivots up to 853 m (2,800’) long
- Low, standard and high profile

254 mm (10”) Pivot Point
- Designed for pivots up to 853 m (2,800’) long
- Standard and high profile

New lower elbow and riser pipe options available to integrate:
- Seametrics™ flow meters
- Nelson valves
- Clemons filters
The patented Valley gearbox is designed and manufactured in Valley, Nebraska, USA. It is the most durable gearbox in the irrigation industry and is built to work under today’s most demanding conditions.

1. Large capacity rubber diaphragm – expands with heat and pressure to minimize water condensation.
2. Input and output bearings – American-made and case-hardened to provide the highest quality and load rating available in the industry.
3. Worm gear – high-strength ductile iron provides significantly longer wear life than steel and prevents gear tooth wear.
4. Tooth design – industry-exclusive 25° tooth angle provides 40 percent more strength, longer life and better reliability in tough conditions compared to normal 14.5° tooth designs.
5. Largest bull gear neck and keyway – for extra strength in critical load-bearing area.
6. Expansion chamber – cap made of corrosion-resistant cast aluminum; rubber diaphragm allows oil to expand and contract during operation. Vented cap prevents pressure buildup and prevents seal from leaking.
7. Threaded endcap – allows accurate bearing preload to increase bearing life.
8. 52:1 gear ratio – full recessed tooth design keeps oil between engaged gears.
9. Bull gear – high-strength cast iron provides highest load capacity in the industry and longest life. Optional bronze gear is available for extreme conditions.
10. Multi-viscosity gearbox oil – exceeds 85W-140 GL5 oil for long gear wear under extreme load conditions.
11. Longest output shaft (steel) – exclusive to Valley gearboxes. Provides extra clearance between gearbox and wheel flange to reduce mud buildup, which reduces seal damage and extends gearbox life.

Center Drive

There is no question that Valley has the most reliable drive train in the industry. The Valley center drive is built stronger, lasts longer and uses less energy than other irrigation drive motors. That’s why we back it with the best warranty in the industry – eight years full parts and labor. Plus, we offer a wide selection of center drive options to match your farming practices.

Superior Features for Added Benefits:
- Case-hardened steel helical gears mean more tooth contact than spur gears for longer life, more torque capacity and smoother power transmission.
- Finned aluminum housing for cool-running efficiency. Operates at temperatures 20° F (11° C) lower than competitive motors, doubling insulation life and increasing motor life.

Valley X-Tec®

The new Valley X-Tec® drive delivers the ultimate combination: top-performing speed for quick irrigation cycles and dynamic power to take on even the toughest terrains. The patented alignment technology and robust DC motor keep the pivot moving at a smooth and consistent pace, even over varied terrain.

Valley X-Tec utilizes FastPass™ technology to operate up to two times faster than a standard, high-speed AC center drive motor. The advanced DC motor design provides constant torque throughout a wide speed range, providing growers with unmatched control and additional options to maximize crop yields.

Valley FastPass Technology

Typical Seven-Tower Machine Comparison

Powerful Features:
- Full torque at all speeds
- Patented, consistent precision alignment
- Low inertia rotor
- Electric braking technology
- Robust design provides lasting durability
- Soft starts allow for smooth acceleration of the motor

Exclusive Tire Rims

Special Valley offset rims compensate for the longer shaft and move the center of the tire closer to the gearbox bearing. This reduces the overhung load and increases the bearing life.

Valley X-Tec Drive
4 hours total to finish irrigating a field
Limitations based on field conditions

Standard AC Drive
8 hours total to finish irrigating a field
Corrosion Solutions

PolySpan®
- Patented design resists effects of acidic, alkaline, corrosive and saline waters
- Manufactured in the USA

Galvanized Steel
- Extends machine life in a variety of water conditions
- Available for all Valley equipment

Repiping – A Low-Cost Solution
Repiping is the most economical way to significantly extend the life of your machine.

Valley repiping options:
- Choose from 127 mm (5"), 152 mm (6"), 168 mm (6 5⁄8"), 219 mm (8 5⁄8") and 254 mm (10") pipe diameters to minimize pressure loss and horsepower requirements
- PolySpan – for corrosive water, crop protection and soil treatment chemicals
- Galvanized Steel – for a variety of water conditions

Valmont Irrigation is the only center pivot irrigation company to offer these revolutionary tires. Firestone designed the Champion Hydro ND specifically for irrigation machines to increase traction and lessen rutting. The patented, non-directional tread design has equal traction in forward and reverse directions, so you no longer need a front and rear tire. Available now in 14.9" - 24" and 11.2" - 38" sizes.
1. TRIPLE LIP SEAL AND STAINLESS NIPPLE
Provide long, leak-free life at low and high operating pressures.

2. LATERAL AND RADIAL WELDS
Spread loads over wide area for maximum durability.

3. TRUSS RODS
Large transition radius and uniform loaded rod heads mean a lower concentration of stress and longer machine life.

4. DRIVE UNIT LEGS
Four braces on each side ensure stable operation in hilly conditions.

5. WRAP-AROUND LEG ATTACHMENT BRACKETS
Cradle the pipe to create added strength. Heavy-duty gussets eliminate pipeline twist.

6. OPTIMIZED SPAN
Offers more machine strength and stability as a result of evenly loaded truss angles and forged-formed truss rods.

7. BALL-AND-SOCKET HITCH
The single-piece, forged steel ball ensures smooth span movement in all directions, minimizing stress on the pipeline for longer machine life.

8. SPRINKLER OUTLET
The welded coupler strengthens the pipeline around the water outlet, minimizes pressure loss and provides better support for the sprinkler package.

9. GEARBOX
Longer output shaft and offset rim provide clearance between the gearbox and tire to reduce mud buildup.

Valley Electrical Components

Collector Ring
Transfers incoming electric power to the pivot and uses a water-tight seal. Comes standard with stainless steel electrical conduit to ensure years of trouble-free service.

Span Cable
Span cable options include: 8, 10 and 12 gauge wire for power and 14 gauge wire for control. Standard options include a shielded span cable and color-coded wire for easy service and maintenance.

Tower Box
Galvanized steel base construction with stainless steel shaft and nylon bearing assembly helps ensure long life.

Conversions

Gearbox and Center Drive Conversion
- Significantly improve reliability and extend the life of your machine
- Minimal investment for maximum improved performance
- Complete and partial conversions available, including oil hydraulic conversions
- Almost all center pivot brands can be converted

Tower Box Conversion
- Substantially reduce electrical shutdowns on older center pivots
- High value for a minimal investment
- Proven reliability and durability on non-Valley center pivots
- Almost all center pivot brands can be converted

Cable Theft Solutions

Safeguard Your Investments
The worldwide issue of span cable theft from center pivot and linear machines is causing increased concern. To provide solutions that fit different needs and price points, Valley offers a full line of products designed to deter copper cable theft.

CableGuard Products
- Cable Armor
- Motor Lead Armor
- Span Cable Clamp
- Stainless Steel Banding
- Heavy Duty Flexible Steel Conduit
The Valley AgSolutions team meets the demands of customers who may need more than just irrigation. The team can help with, or find resources to help with, everything from feasibility studies to post-harvest.

Valley Water Management

Because irrigation is one of the most important crop inputs, growers are rapidly developing new water sources to meet their irrigation needs. Whether you are building a new reservoir, drawing from a canal or using well fields to supply your irrigation machines, Valley Water Management and your local dealer can custom design a high-efficiency pumping solution to meet your needs.

Products:
- Custom-engineered pump stations
- Variable frequency drives to save energy and prolong motor life
- Simple remote control, monitoring and information management tools
- Soil moisture monitoring systems

Services:
- Engineering design of hydraulic systems
- Custom control designs

Cascade Earth Sciences

Cascade Earth Sciences (CES), a Valmont Irrigation company, is an experienced consulting firm that provides comprehensive solutions for waste management and environmental problems. CES is uniquely qualified to develop, design and implement water management strategies that encompass water and energy efficiency, environmental impact, financial stability and profitability.

Water Supply Issues – well design, aquifer studies, treatment systems, dams, fish screens, and water rights

Consulting and Design – engineering, hydrogeology, soils, agronomy, construction management and contracting

Data Management – Water Sentinel® data management software provides detailed reports and analysis for irrigated agriculture (water, climate, soils, crops, etc.)

Wastewater – reuse, permitting, monitoring, reporting and design

Water Management Solutions

For more information, visit cascade-earth.com
Global Leadership

Global Sales Network

The Valley brand has been recognized worldwide as the leader in sales, service, quality and innovation since Valmont founded the mechanized irrigation industry. This leadership position is demonstrated by sales of nearly 200,000 center pivots, linear and corners, irrigation of approximately 10 million hectares (25 million acres), and supporting more than 400 dealers and agents worldwide.