

Valley[®] Corners

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

The Leader in Precision Irrigation

An aerial photograph of a Valley VFlex Corner irrigation system. The system consists of a long, silver metal structure supported by a series of vertical legs, spanning across a vast green agricultural field. The structure is positioned at a right angle, forming a corner. The background shows rolling green hills under a clear sky. A blue banner with the word "Extending" is overlaid in the top right corner.

Extending

Valley VFlex™ Corner

The VFlex Corner was designed for those of you who want options! This corner machine is completely customizable and was developed by utilizing input from growers like you. Unlike any other corner on the market, the VFlex can be built to fit the requirements of your field.

- 6" 8000 span means durable structure with less weight on the drive unit for reduced steering loads
- Completely redesigned track-and-roller joint with larger rollers and new wear plates for improved durability
- Wide "T-Bar" mounted cradle for stability in high winds
- New steerable drive unit design with dual tower supports for industry-leading strength and durability
- More choices than any other corner on the market means you can customize it to meet your needs
 - New! 305' corner arm, plus 287' and 267' options
 - Single or dual steering gearboxes
 - Fixed or swiveling water inlets for reduced transfer hose stress
 - Trailing or leading orientation
- Available on 7000 and 8000 series

Electronic Sequencing

The area-based algorithm used in electronic sequencing gives you the best uniformity in the industry. It is standard on the Precision Corner and an option on the VFlex Corner. The VFlex corner also provides override options to further customize sequencing to specific field conditions.

Mechanical Sequencing

Mechanical sequencing provides excellent water uniformity through a simple cam-and-micro switch system that activates and deactivates sprinklers based on the corner's angle.

Your Irrigated Acres

Precision Corner

The Precision Corner earned its name because of the precise way it applies water, chemicals, and fertilizers to your fields.

- Comes standard with electronic sprinkler sequencing for industry-leading water uniformity
- Electronic controls and diagnostics minimize service calls and allow you to perform an at-a-glance check to ensure proper sprinkler operation
- Chemigate mode allows uniform application of crop-protection chemicals and fertilizers using a fixed-rate injection pump
- Ball-and-socket joint eliminates maintenance
- Constant-move variable frequency drive motors provide smooth operation and minimal stress on your structure
- Available in 267' and 287' lengths
- Able to operate in a "leading" or "trailing" mode to best fit the field
- Available on the 8000 series

Water Utilization Package™

When you have a water utilization package, additional solenoids control 22 more sprinklers for maximum water application uniformity in select corner areas (as shown by the darkened areas in the photo to the left). This package delivers the required water to maximize crop yields for the entire field.



Features	Precision Corner	VFlex Corner
Length		
205' span 82' overhang	●	●
185' span 82' overhang	●	●
205' span 100' overhang		●
Profile		
Standard	●	●
Low	●	
Finish		
Galvanized	●	●
PolySpan	●	
Water Inlet		
Standard Fixed	●	●
Standard Swiveling		●
Inverted Fixed	●	
Inverted Swiveling		●
Guidance		
Wire	●	●
GPS	●	●
Sequencing		
Mechanical		●
Electronic	●	●
Corner Steering Gearbox		
Single Standard		●
Single Heavy Duty	●	●
Dual Standard		●
Dual Heavy Duty		●
Movement		
Start/Stop - High and Low Speed		●
Constant Move - High and Low Speed	●	
Available On		
8000 series	●	●
7000 series		●
Valley pre-8000 series	●	●
Competitive Machines	●	●



Stay on track with GPS Guidance.

GPS Guidance eliminates the need for below-ground guidance options. With the custom Valley mapping tool, you can easily program the field map to best match changes in farm practices or field boundaries. The diverse platform is compatible with multiple brands of RTK receivers.



See your local authorized Valley dealer for complete details.



Valmont® Irrigation has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc. may have occurred after the publication of this brochure. Some photographs and specifications may not be identical to current production. Your local Valley® dealer is your best source for up-to-date information. Valmont Irrigation reserves the right to change product design and specifications at any time without incurring obligations.

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