

Valley® Benders



Maximizing Irrigated Area

Valley Bender options for center pivots maximize irrigated area for a minimal investment cost. The Bender30™ and Bender160™ allow the outer portion of a pivot to continue moving while the inner portion is stopped by fences, trees, or other obstacles.

Bender technology offers:

- Improved water application while maximizing irrigated area
- Ability to install multiple Bender units on one pivot
- Integrated back-up safeties prevent the pivot from over bending and ensure return to normal operation after bending
- Exclusive speed-up timer can be set to increase the speed of the center pivot up to 100% to reduce over watering when operating in bending mode
- Bender Tower Box and Auto Stop/Auto Reverse Tower Box for added control benefits

Bender Product Line



Bender30™

- Bends up to 30 degrees in either direction to irrigate more land
- Uses existing structural components – easy to retrofit to an existing center pivot
- Exclusive speed-up timer from Valley helps improve water application performance while bending
- Can be used on any Valley 7000 series, 8000 series, and Model 8120 center pivots (excluding 10" spans)

Bender160™

- Bends up to 160 degrees in either direction to irrigate more land
- Uses custom structural components
- Exclusive speed-up timer from Valley helps improve water application performance while bending
- Can be used on Valley 7000 series and 8000 series center pivots (6" and 6 5/8" spans only), and Model 8120 pivots (6 5/8" spans only)



Bender Components

Bender Tower Box

- Ensures routine alignment while the pivot is in normal operation
- Controls safety functions when in bending mode by preventing the pivot from over bending
- Accurately returns the machine to normal operation

Auto Stop/Auto Reverse Tower Box

- Operates the Bender while in bending mode
- Has back-up safety option to ensure the bending tower stops at the barricade
- Capable of shutting off the water to each sprinkler on a stopped span to prevent over application of water



See your local authorized Valley Dealer for complete details.

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