

## A Perfect Combination of Speed and Power



The new Valley® X-Tec® drive delivers the ultimate combination: top-performing speed for quick irrigation cycles and dynamic power to take on 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 operates at up to twice the speed of a standard, high-speed AC center drive motor. The advanced DC motor design provides constant torque throughout a wide speed range, giving growers unmatched control and additional options to maximize crop yields.

### Powerful Features:

- Increased speed for fast irrigation passes
- Full torque at all speeds
- Patented, consistent precision alignment
- Electric braking technology
- Robust design provides lasting durability
- Soft starts allow for smooth acceleration of the motor

### Valley FastPass™ Technology

Typical Seven-Tower Machine Comparison



#### Valley X-Tec Drive

4 hours total to finish irrigating a field



#### Standard AC Drive

8 hours total to finish irrigating a field



**The power to take on tough terrain.**

Valley X-Tec can do more than move twice as fast as standard AC motors. It can also move at full torque at any speed to handle rough terrain like rocks, hills and slopes, moving pivots with ease.

The patented alignment technology provides consistent application at any speed. The advanced DC drive can move at speeds as low as 1 RPM – just 1% of maximum motor speed – or ramp up to a fast 136 RPM.

The robust design behind the Valley X-Tec center drive provides less downtime and lasting durability.

**Ideally suited for:**



carrots



onions



potatoes



alfalfa

**FastPass Benefits:**

- Ideal during germination – Frequent, light application maintains surface moisture during germination.
- Keep crops cool – A light mist creates a cooling canopy for high-value crops during the heat of the day.
- Avoid erosion – Proper moisture stops loss of topsoil, and prevents damage to leaves during early-stage crop growth.
- Simplify crop protection – Apply pesticides and fertilizer, reducing ground and aerial trips, as well as potential cross-contamination.
- Save time and money – Chemigate and fertigate quicker; avoid over-watering areas that don't need it; use less water overall; and manage split crops more effectively.

Visit [valleyirrigation.com/XTec](http://valleyirrigation.com/XTec) to watch the Valley X-Tec in action.