

Valley X-Tec® – Speed and Power for Precise Crop Irrigation



The Valley X-Tec® drive, the industry's first high-speed pivot motor, enables you to do things with your center pivot that weren't possible before. Because X-Tec operates at up to twice the speed of a standard, high-speed AC center drive motor, it is ideal for commodity crops, for irrigation at certain growth stages, and for applying crop protection through the pivot.

Ideally suited for:



carrots



onions



potatoes



alfalfa

## Do More with X-Tec:

- **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.



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

## A Perfect Combination of Speed and Power

- Increased speed for fast irrigation passes
- Full torque at all speeds
- Patented, consistent precision alignment
- Electric braking technology
- Tough enough for steep slopes
- Strong design for 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

Save Money

Save Time

Optimize Yield

Improve Efficiency