



A perfect combination of speed and power.

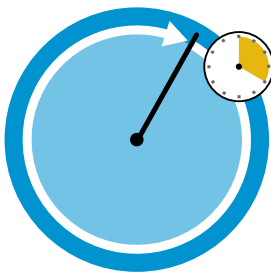
The new Valley® X-Tec® drive delivers the ultimate combination: top-performing speed for quick irrigation cycles and dynamic power to take on even the toughest terrains. The patented alignment technology and robust DC motor keep the pivot moving at a smooth and consistent pace, even over varied terrain.

Valley X-Tec 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, providing growers with unmatched control and additional options to maximize crop yields.

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

Valley FastPass™ Technology
Typical Seven-Tower Machine Comparison



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



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.

FastPass Application Features:

- Frequent, light application maintains surface moisture during germination.
- Applying a light mist creates a cooling canopy for high-value crops during the heat of the day.
- Proper moisture prevents blowing sand from damaging early stage crop growth and minimizes erosion.
- Provides the opportunity for foliar application of crop protection products, reducing ground and aerial trips, and potential cross-contamination.
- Increased speeds in low spots prevents over-watering in areas that need little to no water.
- Allows for more effective split crop management.

Contact your Valley dealer for more information.

Ideally suited for:

 carrots	 potatoes
 onions	 alfalfa

Ready to take on tough terrain:


hills, slopes and low spots