

Because Your Pivot is Made for More.



We See Things Differently.

You may see a pivot as the necessary tool to water crops for greater yield potential. True as that is, we know it's made for more and it's only as smart as the technology you put into it.

Machine Diagnostics, the newest innovation from Valley[®] Irrigation, is now available when you connect to Valley 365[®]. This industry-leading technology provides detailed insight and alerts to changes in pivot performance and health. Through sensor driven technology, you can optimize the health of your pivot as it pinpoints the exact location of a fault related to alignment, tire inflation*, drive train, or water application.

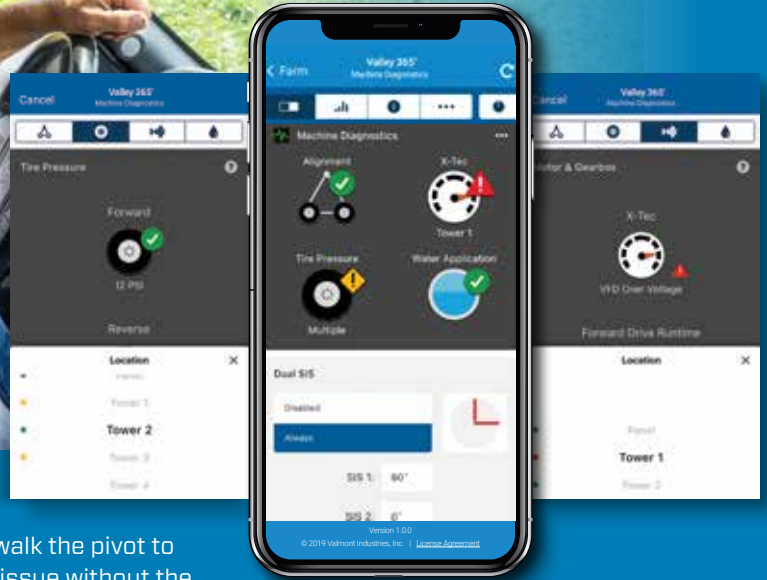
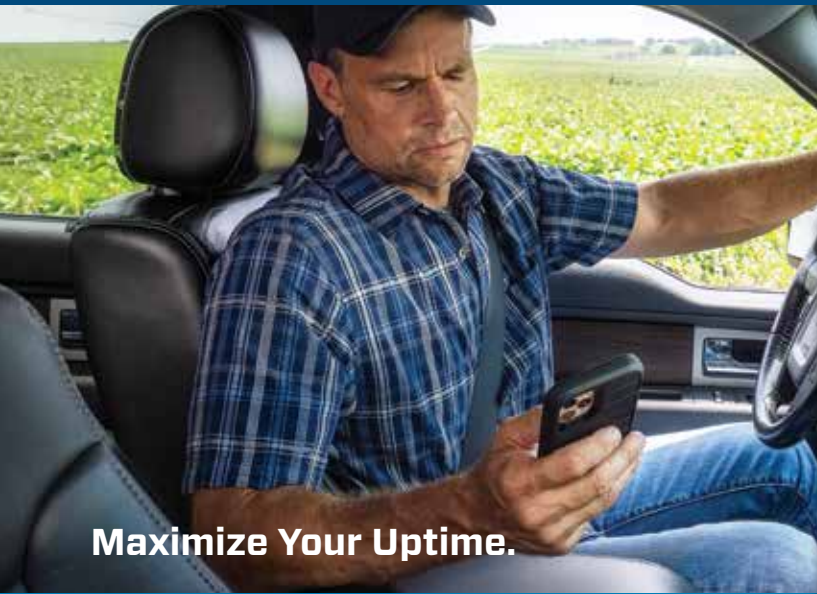
Features:

- Know which tower is out of alignment even before arriving at the pivot.
- Stay informed of tire pressure status at each tower*.
- Monitor individual drive train run time to keep track of key maintenance intervals at each tower.
- Monitor your pivot's water pressure at each tower to assure uniform application in varying terrain.



**This feature will be available in a future release*

Valley 365[®] Machine Diagnostics



Maximize Your Uptime.

Machine Diagnostics monitors key components of the machine and sends an alert directly to your device when an issue occurs so you can maximize your uptime. No one wants to walk the pivot to see which tower is out of alignment or discover a water pressure issue without the right tools. Choose what you want to monitor based on your machines and needs.

ALIGNMENT

One tower that's out of alignment can cause difficulties with the entire pivot. You'll receive an alert that lets you know which tower needs attention, saving you time during the troubleshooting process.

TIRE PRESSURE*

Receive notification when and where a tire loses pressure or goes flat. Take action when a tire becomes low by stopping the pivot in an accessible part of your field. In case of a flat tire, configure your machine to automatically shut down to avoid drive train component damage.

DRIVE TRAIN

Monitor individual drive train run time to keep track of key maintenance intervals at each tower.

WATER APPLICATION

Pivots require the right water pressure for proper water application over an entire field. Problems at the pump and uneven terrain can prevent your pivot from doing its job effectively. Machine Diagnostics will notify you immediately when and where to adjust.

**This feature will be available in a future release*

Optimize Your Pivot for Machine Diagnostics

Technological advancements require the ability to connect machine components and remote capabilities.

In addition to Machine Diagnostics hardware, you'll need:

Valley 365

Machine Diagnostics is just one of the features available on Valley 365. You will receive alerts on your smart phone or other device through Valley 365.

ICON[®] smart panel

The technology behind Valley 365 is linked to our ICON[®] smart panels. You can set up any pivot brand with Valley 365 and Machine Diagnostics if it's equipped with an ICON smart panel.

To receive Drive Train alerts, you'll need:

X-Tec[®] Drive Train

With X-Tec, your drive train reaches speeds up to 10x faster than a standard drive train, which is why Machine Diagnostics is especially important.*

