

## Affordable GPS Grading for Growers

### Simple to Set Up – Easy to Use

If you know laser leveling or grading, you know the problems. The dust, fog, wind and temperature variations that hamper lasers are no problem for AutoLevel. GPS works through any environmental conditions, to save you time while reducing the need for additional leveling units and operators.

The need to move bulky laser towers over large fields or drainage ditches is eliminated with AutoLevel. The AutoFarm base station can control multiple leveling operations, within a six-mile radius, from a single location. This unmatched operating range does away with the rework normally needed to “blend” the edges of facets created by multiple laser tower sites.

Unlike laser systems, which are typically located in the center of the field or drainage, the AutoFarm base station does not block productive acreage or interfere with leveling operations. With a single base station, AutoLevel can provide virtually infinite vertical range for terraced terrain, ditches, levees or roads. It dramatically reduces the set-up time normally required to move and calibrate laser towers for each elevation.

It's easy to use and everything is controlled right from the tractor seat – no climbing laser towers to make adjustments.



#### User-friendly Touchscreen

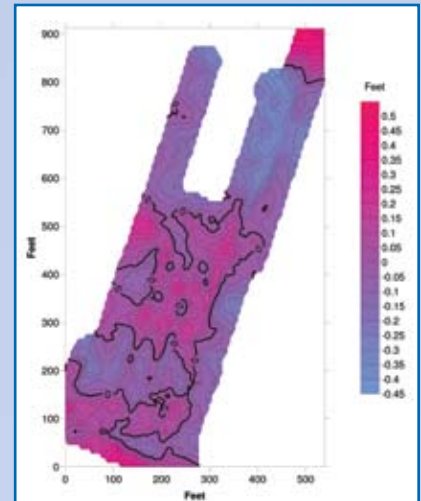
Allows growers to survey, design, then level or grade by simply pressing on-screen commands.

### Save Money

**Use your own equipment** rather than hire custom contractors. AutoLevel allows growers to maintain their own fields and waterways for drainage and flood irrigation.

#### Eliminate the need for costly surveyors.

AutoFarm DataLogger Software automatically records field elevation at higher resolution than traditional 100-foot stakes. It then calculates “best-fit” slopes and generates cut/fill sheets and contour maps.



#### Cover more ground in less time with the same equipment.

AutoFarm GPS gets the job done from a single base station location

without the frequent calibrations typical of lasers. Less time setting up the equipment leaves more time to move dirt.

AutoLevel provides growers with a precision tool for highly effective water management. Water management is one of the highest returning investment decisions you can make, producing benefits in terms of improved yield, crop uniformity and reduced water costs.

#### Built-in Survey Tools

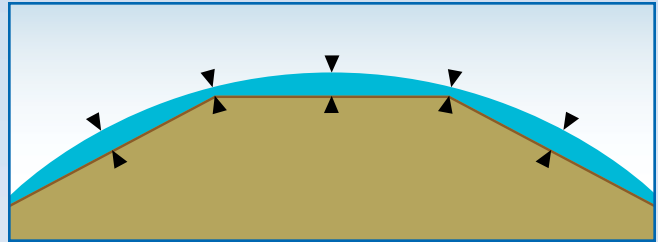
Automated “best-fit” contour maps minimize work to achieve desired results. The system provides options for setting desired grade or using AutoLevel recommended grade with best fit to the natural slope.



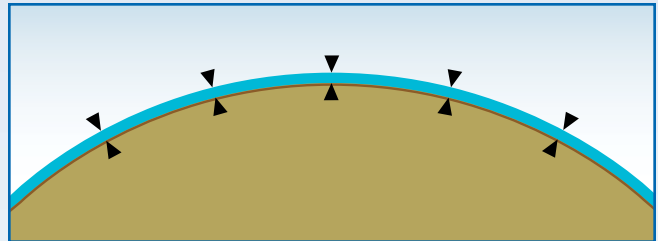
### Highest Overall Accuracy

AutoLevel continuously monitors global GPS reference points and adjusts the scraper blade height relative to the desired grade. This real-time survey capability ensures high accuracy leveling, every time.

AutoLevel automatically accounts for the curvature of the earth which drops eight inches over one mile. Water uniformly follows gravity around the globe, not across the artificially flat planes created by lasers. This means AutoLevel produces more consistent water flow across the entire field or provides more effective erosion control in drainages.



**Laser Leveling** creates dishes or "facets" which tend to be shallower on the edge and deeper in the middle ... overall grade is not uniform.



**GPS Leveling** follows the earth's surface to produce uniform water grade for improved crop establishment.

### AutoLevel Features

- Affordable upgrade to AutoFarm RTK AutoSteer
- Armrest controls for fingertip adjustments
- Flexible field definitions with North-aligned or field-aligned slopes, single slope, compound slope
- Self-calibrating system
- Large vertical and horizontal range



### Specifications

**Power:** 12 +/- 2.0VDC operational, 16 VDC max.

**Operating temp:** -4 to 140 degrees Fahrenheit

**Storage temp:** -22 to 176 degrees Fahrenheit

**Distance range from base:** Up to 6 miles

**Vertical range from base:** Virtually unlimited

### AutoLevel Configurations\*

Standard	13gpm	Drag scraper or drainage scraper
High	26gpm	Bucket scraper (14-20 cubic yard capacity)
Jumbo	42gpm	Large capacity scraper

\*General sizing rules; for exact sizing formula, contact AutoFarm at +1.866.4.AUTOFARM

*Specifications subject to change.*