



## **AutoLevel**

AutoFarm™, a division of IntegriNautics, announces AutoLevel™, the first major breakthrough in land leveling technology since laser systems were introduced more than 25 years ago. AutoLevel is the newest member of the AutoFarm family of products based on a single RTK GPS technology platform. All AutoFarm products offer dramatic improvements in productivity throughout the life cycle of crops:

AutoLevel - Leveling or grading fields accurately with the least amount of labor and time to optimize conditions for irrigation.

AutoSteer™ - Efficient crop work, including optimal field preparation and exact spacing between rows of crops.

AutoSpray™ - Spraying fertilizers, herbicides, and pesticides for maximum benefit with a minimum amount of chemicals.

AutoDataLogger™ - Software that allows terrain maps to be created automatically for all other AutoFarm products.

AutoLevel brings simplicity, accuracy, and dependability to land leveling. The advantages of AutoLevel are its simplified operation, increased accuracy, and ability to operate in a wide range of environmental conditions that include dust and fog. 24 hours a day operation is now possible. Calibration is not affected by sunlight, and changes are made within the tractor cab rather than the transmitter. The base station range is 6 miles, allowing users to cover large areas without moving the base while maintaining the sub-inch accuracy.

The AutoFarm system uses the AutoDataLogger to survey the field during normal operation. The cut and fill maps created by this process are compatible with most agricultural data management systems.

AutoLevel consists of a base station, GPS mast for the scraper, and an in-cab touch screen display and control. All components are identical to those used in AutoSteer with the exception of the GPS mast for the scraper. A kit is available to convert AutoSteer to AutoLevel.

Initial users report that AutoLevel is simpler to operate and more accurate than laser leveling systems. Joe Freitas of Freitas Farms, who is also a leveling contractor, likes the fact that AutoLevel is not sensitive to temperature, fog, and dust. He is impressed with the increased range of the GPS system and has leveled 160 acres without moving the base station. Clay Nordman, a grower, says the consistency of AutoLevel is a real advantage. He also likes the ease of setup, which can be done in the tractor cab and thus eliminates both climbing the laser tower and the need for daily setups.

