



ACE[™]
Automated Control of Elevation
by **ROADTEC**



AUTOMATE YOUR MACHINE ELEVATION IN THE MOST PRECISE AND USER FRIENDLY WAY POSSIBLE

The ACE™ Grade and Slope Control

The ACE™ Grade and Slope Control system is designed to automate the elevation of your machine in the most precise and user friendly way possible. New graphic displays allow the crew to easily select, calibrate, and control sensors with minimal time and effort. The sensors used to measure depth and slope are continuously monitored and displayed on three separate control panels keeping the entire crew on the same page at all times.



Control Panels

The color control panels are clearly labeled for simple, straightforward operation. Selecting wire rope, sonic, and slope sensors is easily done from any of the three screens. Setting the values and transitioning among the different sensors is done from the same screen view on the control panel. This simple setup eliminates the need to access different menus or use excessive button combinations to make changes while the machine is operating.

Automatic Calibration

The ACE™ system provides the ability to automatically calibrate specific hydraulic parameters ensuring the machine consistently achieves the precise depth. The automatic calibration feature is easily accessible through the ACE control panels.

Additional Sensors

The ACE system can easily incorporate additional sonic sensors. Sonic averaging skis can be installed on both sides of the machine to average depth variations and minimize drastic deviations in the machine's elevation. The sensors used on these averaging skis will appear on the ACE control screens when they are plugged in for use on the machine.



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