

Cat[®] GRADE with Cross Slope

for Motor Graders



SAVE UP TO 40% IN MATERIAL WITH CROSS SLOPE.

- Cat[®] GRADE with Cross Slope decreases the amount of time and fuel that it takes to prepare the sub-base and ensures the highest levels of accuracy.
- Monitor Cross Slope information and view real-time data on the machine display screen.
- Maintain desired cross slope as circle rotates.
- Increase efficiency and productivity up to 50% through reduction in time, fuel, and passes.
- Automatically control the blade for accurate grading and reduce time checking the grade.



> LOWER COSTS. BOOST ACCURACY.

- Minimize costs by reaching target grade quickly and save costs associated with time, labor, fuel, and material consumption.
- Work safer with fewer ground personnel checking grade measurements.
- Integrated switches allow for setting and adjusting target cross slope data during operation.
- Ensure proper drainage on roads with cross slope. Proper drainage reduces costs and requires less maintenance.
- Reduce the number of passes and burn less fuel.
- Grade more miles faster with Cross Slope.
- Establish proper slopes, shoulder elevations and road widths prior to re-rocking maintenance roads.
- For every 0.5% deviation from the target slope, material quantities can increase by 20%. Cross Slope helps your operators stay on target by automatically controlling one side of the blade.

> MORE PRODUCTIVITY. LESS OPERATOR FATIGUE.

- Maintain a smooth, consistent slope when the blade is lowered or raised with no lag between automatic and manually controlled sides of the moldboard.
- Operators can set the target cross slope on the main display in the machine. It automatically controls one end of the blade to reduce operator fatigue.
- Operators can adjust and view the cross slope information on the integrated display system.
- Only Cat GRADE Cross Slope uses the Cross Coupling software to ensure a uniform elevation correction is made across the entire cutting edge of the blade. Without the software, the automatic side of the blade relies on the sensors for correction, which can delay the blade.
- Cross Coupling software uses the standard electro-hydraulic circuit to adjust the automatic side of the blade and mimics the manual elevation adjustments made by the operator.

> FACTORY INTEGRATED SOFTWARE.

- Get to work with Cross Slope integrated at the factory. The controls, display, sensors, and software are installed and calibrated at the factory.
- Factory Integrated display screen makes controlling the cross slope easy for operators to see the information without the need for multiple screens.
- Factory setup makes it easy and cost-effective to upgrade to 2D or 3D systems. No need for extra sensors.



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