

Cat GRADE with Slope Assist

for Dozers



Cat® GRADE with Slope Assist is a simple, built-in blade control system you can use for most of the work you do with your dozer. Finish jobs faster, with better surface quality and less operator effort.

- **Basic Mode** – Put your blade on the desired position and go – Slope Assist will maintain that blade angle as you work.
- **Advanced Mode** – Dial in the desired blade angle and Slope Assist will automatically hold the blade at that angle. Added features make it easy to set and adjust blade position for even more productivity.
- **Easy-to-use** – Switch between manual and automatic mode with the push of a button.
- **Change your blade position any time** – Release the control and the dozer will maintain your new blade position.
- **No slope angle indicator needed** – Mainfall slope and blade cross slope show right on the main display.
- **Integrated** – Slope Assist sensors are incorporated into the blade so components are protected for durability.
- **No additional equipment** – No base station or laser needed, no additional hardware, software or equipment to buy, nothing to remove from the machine at the end of the day.
- **Increase productivity** – Finish jobs up to 39% faster, with fewer passes and less rework.
- **Less effort** – Operator inputs reduced up to 82% for less fatigue and more productivity.
- **Better quality** – Slope Assist maintains blade angles so you get up to 68% better surface quality – even with a less experienced operator. Inexperienced operators become proficient more quickly.
- **Compatible** – Slope Assist works seamlessly alongside 3D GPS systems for transitions, cleanup, simple design plans/changes, areas where GPS signal may be lost/unavailable.
- **Support** – Slope Assist is supported by your Cat dealer and SITECH® technology partner.

AVAILABILITY

D3K2**	D6K2*
D4K2**	D6N*
D5K2**	D6T*+

*Standard

**Optional

+ Available early 2017

Accuracy – within 1% of mainfall/
blade slope

Slope Assist makes just about any dozer job faster and easier

- Build pads
- Truck dumps
- Road crowns
- Slopes/embankments
- Leveling/grading
- Flat planes
- Cutting ditches
- Cleanup work
- Simple design plans on-the-go
- Transitions/design changes within 3D plan
- Areas where GPS signal is lost/not available





MODES AND FEATURES

BASIC MODE

Push the Auto button on the joystick, move the blade to the desired position and Slope Assist will maintain that position.

- **Mainfall** – Automatically lifts or lowers blade to maintain desired slope.
- **Blade Cross Slope** – Automatically tilts blade to maintain desired blade cross slope.

ADVANCED MODE

Added features help you work from existing planes.

- **Recall Value** – Places and controls blade to consistent value with each auto initiation.
- **Swap Slope** – Reverses slope values when changing directions.
- **Match Slope** – Simply place the blade on the ground, push the button and recall value is set to match existing slope.
- **Increment/Decrement** – Use the joystick buttons to adjust mainfall or blade cross slope away from corresponding recall value.

FEATURES

- **HELP Feature** – Get onboard HELP at the press of a button. Provides detailed instructions for using basic and advanced modes, entering mainfall and blade slope recall values, and operating in both manual and auto.

Faster, Easier Passes at the Push of a Button



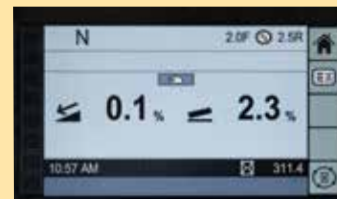
1. Set desired slope



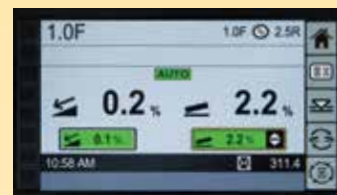
2. Push Auto



3. Automatically keep blade angle



BASIC MODE



ADVANCED MODE

For videos and more information, please visit www.slopeassist.com

BUILT FOR IT.™

www.cat.com

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