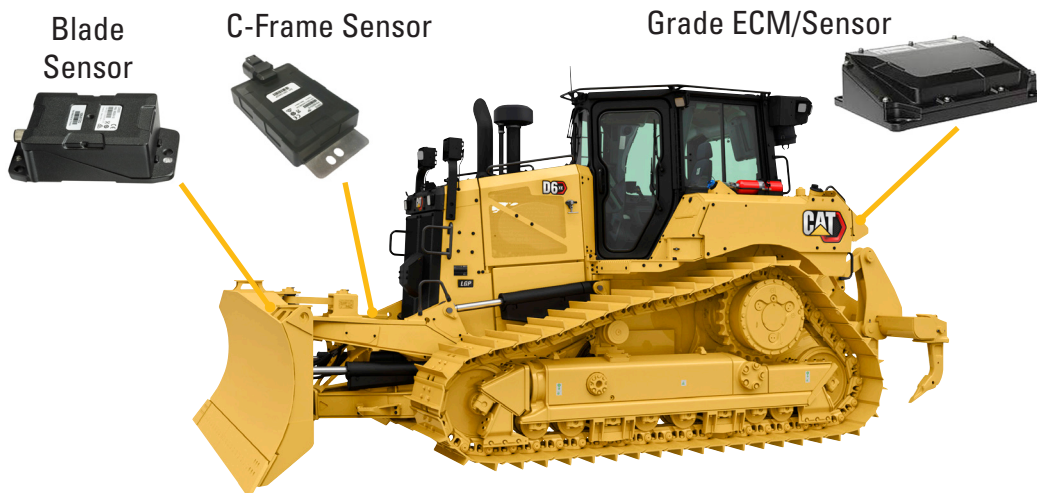# Cat® Grade with Slope Assist™

for Dozers

SIMPLE BLADE CONTROL – NO ADDED HARDWARE OR GPS SIGNAL NEEDED

- Cat® Grade with Slope Assist™ makes just about any dozer job faster and easier – build pads, spread truck dumps, build slopes/embankments and so much more.
- Maintains blade angles so you get better surface quality – even with a less experienced operator.
- Finish jobs up to 39% faster, with fewer passes, up to 82% fewer operator inputs and less rework.
- 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.
- Next Gen* Slope Assist features a larger, more intuitive operator interface that is easy to use.
- Works seamlessly alongside 3D GPS systems for transitions, cleanup, simple design plans/changes, areas where GPS signal may be lost/unavailable.

Blade Sensor

C-Frame Sensor

Grade ECM/Sensor

Next Gen Operator Interface

Liquid Crystal Display

> MAINTAIN BLADE ANGLE. SIMPLY.

- Slope Assist is a simple, built-in blade control system you can use for most of the work you do with your dozer.
- Basic and Advanced modes let you choose the right features to maximize your productivity.
- Updated Next Gen Slope Assist lets you choose to control mainfall or cross slope separately, or control both.
- Easily 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.
- Accurate to within 1% of mainfall/ blade slope.
- Get onboard HELP and detailed instructions at the press of a button.

> FULLY INTEGRATED.

- Slope Assist sensors are incorporated into the blade so components are protected for durability.
- No slope angle indicator needed – mainfall slope and blade cross slope show right on the main display.

> BASIC OR ADVANCED.

- 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 gives you more features to 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 lets you put the blade on the ground and push a button to match recall value to the existing slope.
- Increment/Decrement – joystick buttons adjust mainfall or blade cross slope away from corresponding recall value.

> LEARN MORE.

- Consult your local Cat dealer for specific details and availability by dozer model.
- Slope Assist is supported by your Cat dealer or SITECH® technology partner.

CAT®