

Cat® GRADE with 3D

for Dozers



SAVE TIME, IMPROVE ACCURACY, INCREASE PRODUCTIVITY UP TO 50% COMPARED TO TRADITIONAL GRADING.

- Cat® GRADE with 3D uses a GPS signal to automatically adjust blade movements (both lift and tilt) as you follow the design.
- Controls the blade to help you get to grade more efficiently. Use on all phases of the job, from bulk earthmoving all the way to finish grade.
- Get to design plan faster to save time and reduce the cost of rework, labor and materials.
- Use the system on flat plains and slopes, as well as complex designs and contours.
- Factory integrated for improved performance, as well as ease of use and service.
- Accurate to within 3 cm (0.1 feet). *(May vary based on measure-up, material, application, machine model.)*



GRADE



**> BOOST OPERATOR
EFFICIENCY.
REDUCE COSTS.
WORK SAFER.**

- Reduces operator inputs by up to 80%.
- Helps experienced operators work more productively and maintain accuracy over long shifts. Operators with less experience become proficient and get to design plan faster.
- Control buttons integrated into the implement control joystick for easy operation.
- Simply lower the blade and steer to smoothly cut to plan, raise to disengage. No additional operator input required.
- Dash display puts the design plan right in front of the operator.
- No grade checking or stakes to follow – save personnel costs and enhance job site safety with fewer people needed on the ground.

**> FULLY
INTEGRATED.**

- Built in at the factory – components are integrated into the dozer to work with machine systems for optimal performance.
- GPS antennas are mounted on top of the cab, so there are no masts or cables on the blade – nothing to remove at the end of the day.
- GRADE with 3D is ordered with the machine and supported by your Cat dealer.

**> MAXIMIZE
BLADE LOADS.
REDUCE REWORK.
MORE VERSATILITY.**

- Grade Control Mode automates blade lift tilt for more consistent grades.
- Rough Grade Mode keeps blade center from going below grade.
- Grade Protection Mode prevents blade from cutting below desired grade during manual operation.
- Optimized to work with other dozing features, like AutoCarry™, which helps maximize blade loads and reduce track slip.
- Attachment Ready Option (ARO) allows you to add laser or UTS control as needed.
- Works seamlessly with Cat GRADE with Slope Assist™ for simple jobs or for times when a GPS signal may be lost or not available.

> LEARN MORE.

- GRADE with 3D is available on a growing range of Cat dozers. Talk with your local Cat dealer for availability.
- Base station and radio required. Please consult with your Cat dealer to learn more about GRADE with 3D system requirements.

BUILT FOR IT.™

www.cat.com

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