

Cat[®] GRADE with 2D E-fence

for Hydraulic Excavators



WORK NEAR OBSTACLES WITH CONFIDENCE.

The standard 2D E-fence feature works with these products to automatically stop excavator motion using boundaries you set in the monitor:

- Standard Grade with 2D system
- Standard Grade Assist
- Optional Grade with Advanced 2D
- Grade with 3D system

Reduce downtime, jobsite cost, and potential fines while keeping you and your excavator safe with the following 2D E-fence features.

E-ceiling helps you avoid overhead obstacles such as power lines, bridges, and overhead structures.

- Set your height above your excavator through the touchscreen monitor and your boom and stick will be stopped from breaking that boundary.

E-floor helps you avoid fiber optic cables and underground utilities.

- Set your depth below your excavator through the touchscreen monitor and your boom and stick will be stopped from breaking that boundary.

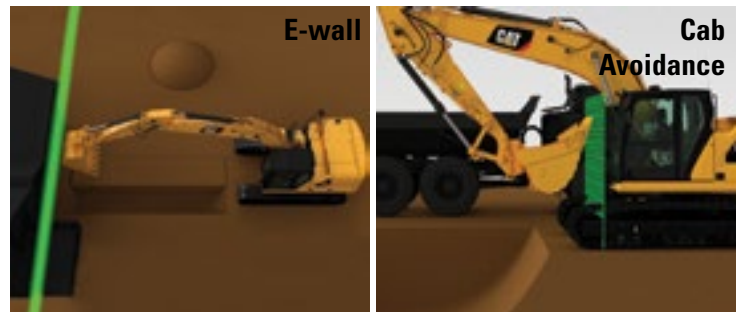
E-wall helps you avoid structures in front of the machine.

- Set your boundary in front of your excavator through the touchscreen monitor, and your boom and stick will be stopped from breaking that boundary.

E-swing helps you avoid swinging into obstacles to the side of the machine such as live traffic and structures.

- Helps avoid hitting trucks when loading payload and increases productivity by not having to waste efficiency and fuel consumption while over-swinging.
- Set your swing boundaries to the side of your excavator through the touchscreen monitor and your boom and stick will be stopped from swinging past your set boundaries.

Cab Avoidance helps you avoid contact between your worktool and the cab.



GRADE



**> LOWER COSTS.
IMPROVED SAFETY.
LESS FATIGUE.**

- Minimize jobsite costs by avoiding costly repairs and downtime from damaging your excavator.
- Avoid possible fines from damaging underground utilities or obstacles.
- Receive height and depth alerts from inside the cab that indicate obstacles that could damage your excavator and cost you money.
- Work safer with less ground personnel checking grade in the trench or around your excavator.
- Easy setup and simple operation reduces operating fatigue from over-swinging or over-digging.



BUILT FOR IT.™

www.cat.com

CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow", the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEXQ2251-00
© 2017 Caterpillar
All Rights Reserved

