

# Cat<sup>®</sup> 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.

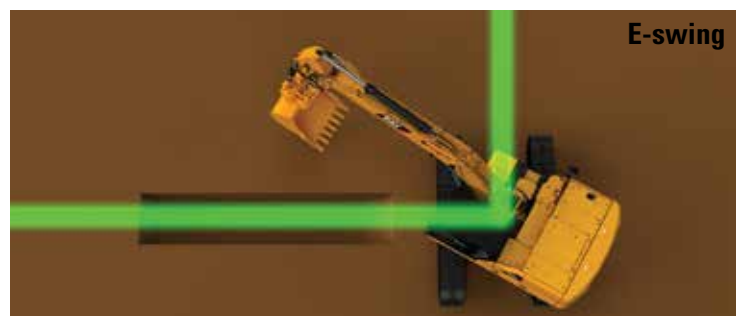
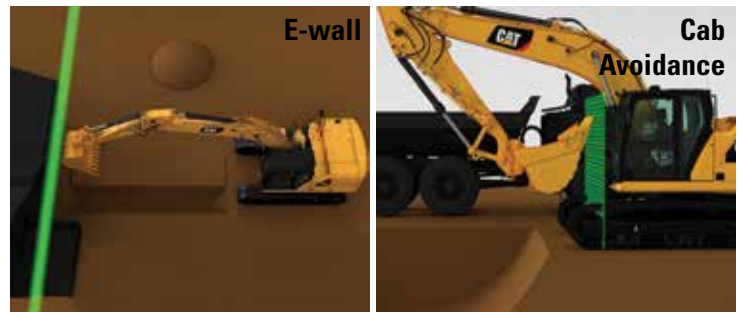
**E-wall** helps you avoid structures in front of the machine.

- 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.

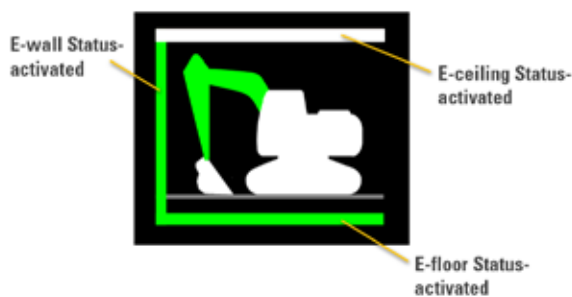
- Helps avoid hitting trucks when loading payload and increases productivity by not having to waste efficiency and fuel consumption while over-swinging.
- Set your swing boundaries to the side of your excavator through the touchscreen monitor and your boom and stick will be stopped from swinging past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

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



**> 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.™**

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