

Cat® D1, D2, D3 Small Dozers Operator Assist Features

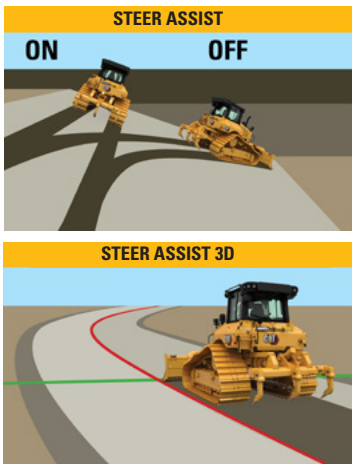


Operator Assist features Slope Assist, Steer Assist, Stable Blade, Blade Load Monitor, Low Slip Traction Control and AutoCarry™ are available for Cat® D1, D2 and D3 small dozers. The suite of features works seamlessly to save time, effort, fuel, machine wear and overall costs. In addition, these features offer a common technology solution with Cat medium dozers and are compatible with third party grade systems adding greater flexibility for operators.



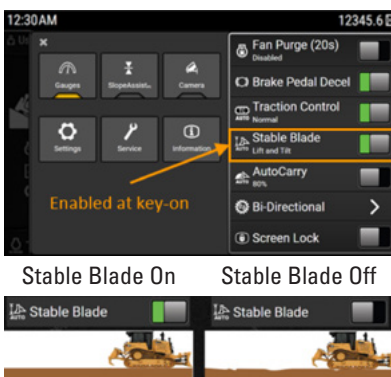
Slope Assist

- Helps operators of varied experience levels work faster and with improved accuracy.
- Fewer inputs mean easier operation – easily maintain blade angles for better surface quality. Switch between manual and automatic modes with the push of a button.
- Included with Attachment Ready Option (ARO) and Grade 3D with Assist technology.



Steer Assist and Steer Assist 3D

- Automatically maintains straight travel with light or heavy loads on flat ground and side slopes.
- Automates track steering with light and heavy loads.
- Automates blade tilt steering to help push heavy loads with less effort.
- Increases productivity and improves efficiency with up to 75% less operator inputs.
- Included with Assist with ARO package. Machines with Assist with ARO but ordered prior to Steer Assist availability can be upgraded with the latest machine software.
- Steer Assist 3D enables machines to automatically follow guidance lines from site plans under light or heavy loads. Requires Grade 3D with Assist technology.



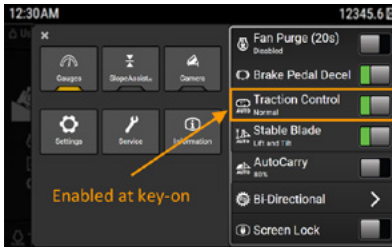
Stable Blade Lift and Tilt

- Automatically works behind the scenes to allow the operator to create smooth surfaces with less effort.
- Uses accelerometers on the blade and the chassis with an advanced control algorithm to make minor blade raise and lower movements. Tilt left and right commands compensate for machine movement and create a smoother surface.
- Included with Attachment Ready Option (ARO) with Assist and Grade 3D with Assist technology.



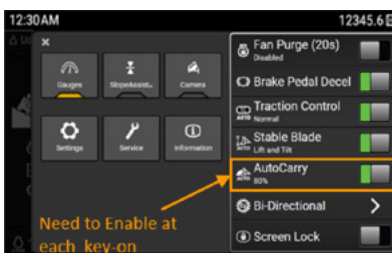
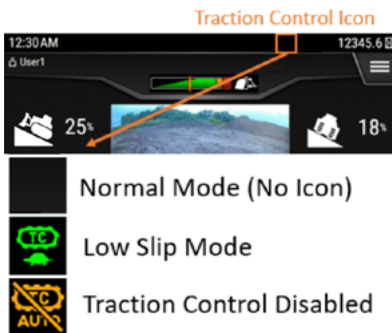
Blade Load Monitor

- Provides real-time feedback of current load vs. target machine load to fully utilize machine capacity.
- Beneficial for all operator skill levels.
 - Novice operators can use it as a training tool on machine capability.
 - Expert operators can use it as a reference confirming they are maximizing machine capability.
- Automatically compensates for ground conditions.
- Not available indoors or in areas where a GPS signal is not available.
- Included with Attachment Ready Option (ARO) and Grade 3D with Assist technology.



Low Slip Traction Control

- Automatically prevents excessive track slip to improve machine efficiency and reduce burden on the operator.
- Feature defaults ON.
- Offers two operation modes:
 - Normal Mode: (Default setting)**
 - Helps operator when pushing heavy blade loads by automatically limiting non-productive track slip. Recommended setting for most applications.
 - Low Slip Mode (Select as needed)**
 - Significantly limits track slip for applications sensitive to slip such as spreading material on top of a liner.
 - Operator can enable Low Slip mode through the display.
- Included with Attachment Ready Option (ARO) with Assist and Grade 3D with Assist technology.



AutoCarry™

- Automatically raises and lowers the blade to maximize pushing capability and prevent excessive track slip when pushing heavy loads.
- Functionality activates in Auto and Manual modes:
 - AutoCarry™ no longer requires you to be in Slope Assist or Grade 3D automatics to activate.
 - When enabled, feature will wait in standby mode until the blade is fully loaded and then automatically engage.
 - No joystick button push required.
- Designed to work in unison with other Operator Assist features.
- Feature defaults OFF and requires operator opt-in enablement.
- Not available indoors or in areas where a GPS signal is not available.
- Included with Attachment Ready Option (ARO) and Grade 3D with Assist technology.



Consult your Cat dealer for Operator Assist feature details.

www.cat.com

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AEXQ3524-01
Replaces AEXQ3524-00
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