

Volvo Construction Equipment
Building Tomorrow



VOLVO ACTIVE CONTROL

Powered by Dig Assist



Making the grade has never been easier

Your work day just got easier with Volvo Active Control.

Automated boom and bucket movements make the digging process more efficient and more accurate, with less effort. Simply set the grade, push the button and get the work done – all controlled using a single lever.

Double your productivity

45% faster than traditional grading.

Twice the accuracy

Get it right the first time.

Increased safety

Removes grade checkers in the trench. Enables virtual fences to be set when operating in confined environments.



Benefiting all operators

Bring out the best in every operator

"I can dig a perfect grade, with zero complications. The task is made so much easier."

A helping hand for the experts

"I can complete the job with more speed and precision, time and again. I'm less tired and able to focus on completing the task at hand safely and correctly."

ASSIST AND PROTECT FEATURES

Automated grading

Boom and bucket movements are automatically adjusted to maintain an even grade. With single-lever grading, your left hand controls the arm speed, while your right hand takes a break.

Swing control

Allows operator to pre-program the location of the trench and pile, to assist in digging and truck loading. Can be overridden with the joystick.

Bucket angle control with Bucket Recall

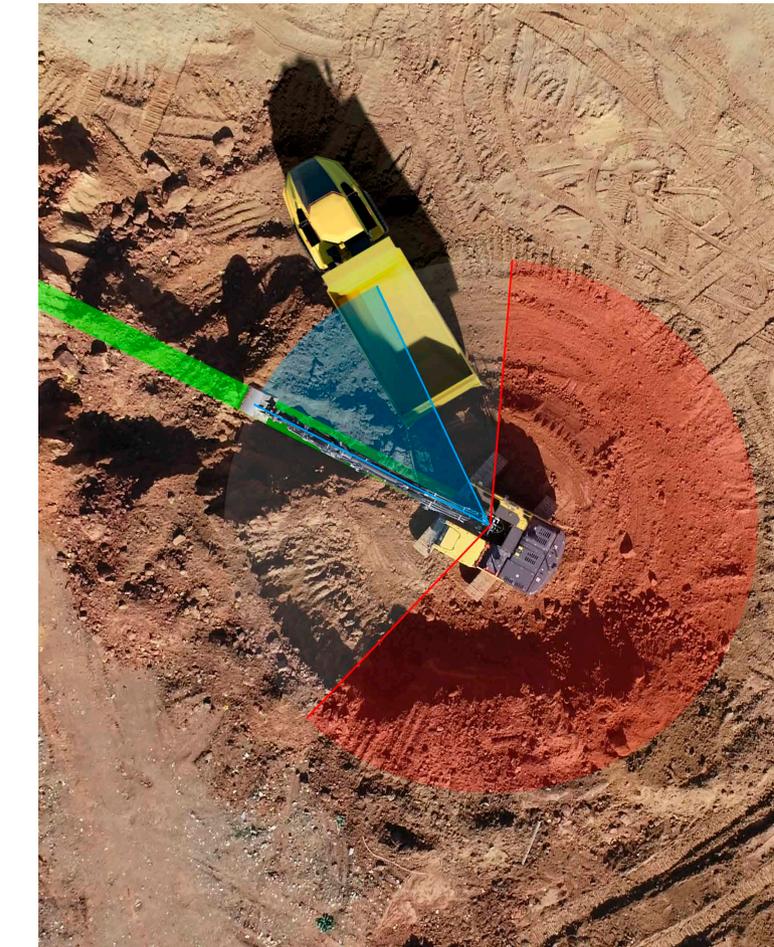
Automated bucket adjustments maintain a constant cutting angle.

Tilt bucket control

Digging a V-shaped ditch is made easy with automated tilt bucket control.

Depth limit

Prevents the bucket tip from going beneath a pre-set depth, to avoid contact with underground hazards, such as pipes and cables.



Height limit

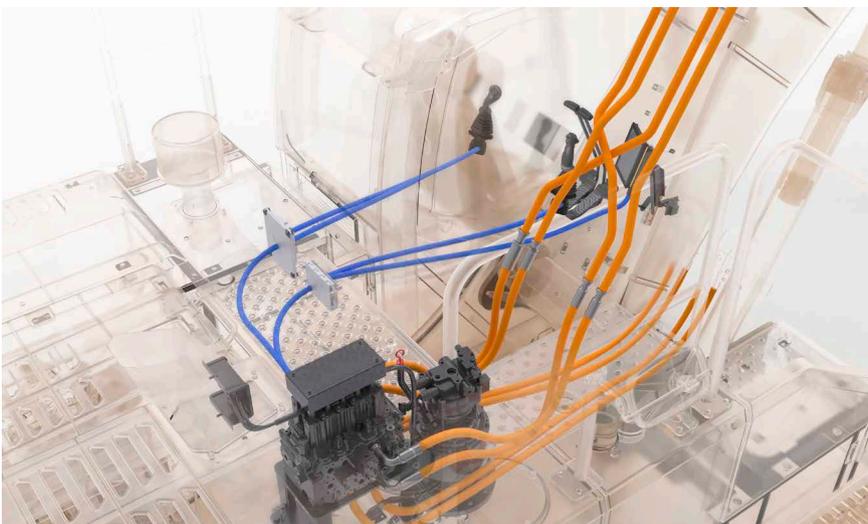
Prevents the boom and bucket from going above a pre-set elevation, to avoid overhead obstacles such as power lines.

Swing fence

Prevents the swing exceeding pre-set limits, to avoid contact with side obstacles. Cannot be overridden with the joystick.

HOW IT WORKS

Volvo Active Control is a steer-by-wire solution, incorporating Volvo's new electro-hydraulic control system with Dig Assist software.



Volvo reliability

Engineered, manufactured and installed entirely by Volvo.

Faster servicing, more uptime

No hydraulic pilot lines.

Smarter

Volvo Active Control is linked to Volvo's Dig Assist app. Not only can you change the control pattern electronically, but you can program the shapes you want to dig on the Co-Pilot screen.

VOLVO

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