

# Trimble Grade Control Systems

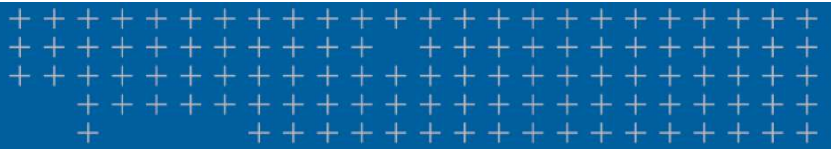
## GCS900 2D for Excavators

Trimble offers the heavy and highway contractor the broadest range of Grade Control Systems in the industry. From 2D depth, slope, and elevation based to 3D GNSS or Total Station based, Trimble systems are rugged, easy to use, fully upgradeable, portable, and flexible to meet a wide range of application and jobsite requirements.

The Trimble GCS900 Grade Control System maximizes excavator performance. Whether grading simple trench and slopes or complex design surfaces and alignments, the operator can get to grade faster, without sacrificing accuracy or quality of the final graded surface.

### Trimble GCS900 2D Grade Control System for Excavators

Configuration	Application
Depth and Slope	Depth and slope system for excavation General excavation tasks Flat plane, simple slopes Grading Flat and simple slopes
Depth, Slope, and Elevation	Depth and slope, transfer single benchmark point using laser reference Basements Foundations Footers Trenching Embankments Profiles Canals and batters



# Trimble Grade Control Systems

## GCS900 2D for Excavators

### Key System Features:

- CB450 or CB460 full-color graphical control box with internal lightbars – 2D or 3D capable
- Store unlimited number of depth, slope, and profile guidance models
- Store unlimited number of bucket definitions
- Measure distances and slopes with the bucket and store measured elements as slope guidance models
- HS410 Heading Sensor option allows the operator to rotate the excavator without the need to re-enter the desired depth and slope to maintain consistent accuracy
- On-machine components are portable between machine types, without software/firmware upgrades
- On-machine components are modular and can be added or removed depending upon application
- Optional submersible enclosure available for deep water/salt water marine construction applications
- 2D system is easily upgradeable to 3D

